SPECIAL ANNIVERSARY ISSUE

Old·House JOURNAL

The Original Restoration Magazine

30 Best Restoration Tips

Victorian Lighting

Bare Naked Houses

Shingle Style Houses: American Icons

Arts & Crafts Built-ins

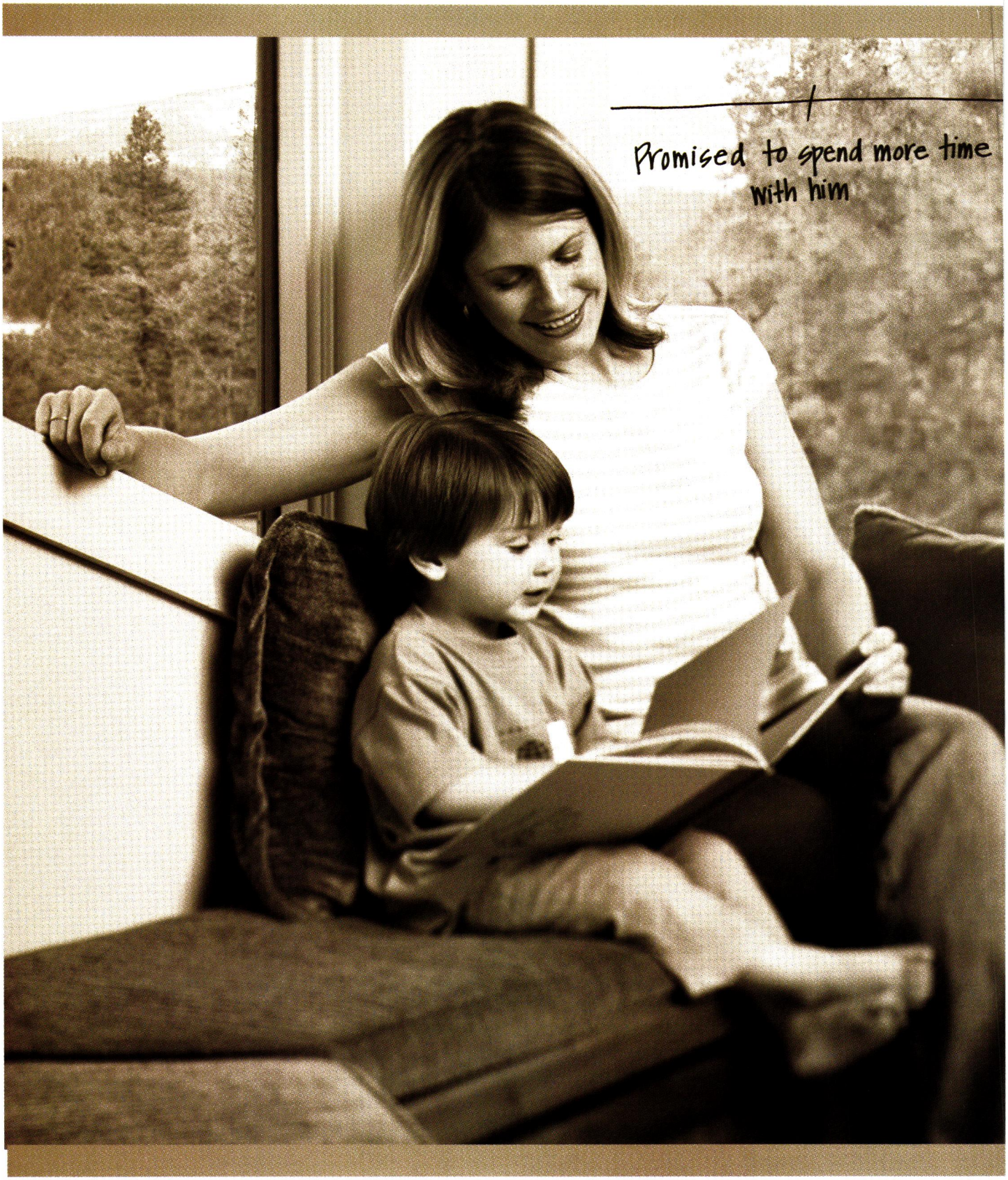
30 Years of Service since 1973

AUTO ********** 5-DIGIT 07076
063E10000016822948 0305 M/A06
STACY SPIES
407 WARREN ST
SCOTCH PLAINS NJ 07076 1920
07/032
0000
067075

ublication
nal.com

Display until November 5, 2003

$5.95US $6.95CAN
10
0 09128 47600 1



Your home sets the stage for many lasting memories. At JELD-WEN we're dedicated to crafting reliable windows and doo that help you do just that. They're designed to provide energy efficiency, security, and most of all, peace of mind. That's ou commitment to you. Because we keep our promises, you can keep yours. To find out more about these reliable windows an doors, visit **www.jeld-wen.com/JW6**.

©2003 JELD-WEN, inc. JELD-WEN and Reliability for real life are trademarks or registered trademarks of JELD-WEN, inc., Oregon USA.



RELIABILITY *for* real life™

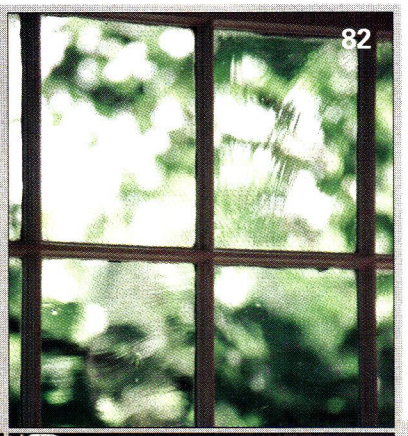
JELD-WEN®
WINDOWS & DOORS


WIRSBO®
Life, Safety, Comfort Systems
Reward Yourself
AQUAPEX®
PLUMBING FOR LIFE
RADIANT FLOORS
COMFORT HEATING
Nothing compares to the barefoot comfort of radiant floor heat. Tile, marble, and wood floors radiate cozy and efficient warmth that will pamper you. You'll describe it to your friends in a word — Ahhh.
And, the cost savings of up to 40% over conventional forced air heating systems may leave you at a loss for words.
Improve the water distribution in your home with our AQUAPEX® plumbing system.
AQUAPEX systems are clean and quiet. The flexible tubing eliminates water hammer and dampens the sound of rushing water. Clean and pure water is basic to your good health.
Come with us for warm floors and healthy water. We will change the way you live.
1-800-321-4739 • www.wirsbo.com
Bringing comfort™ to life
uponor
Circle no. 421

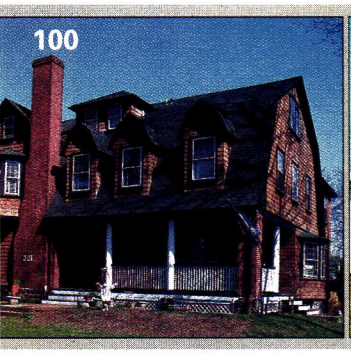
Old·House Journal®

Features

66 **Let There Be Light for Everyone**
By John Crosby Freeman
A luminescent look at the history and impact of Victorian lighting.



September / October 2003
Volume 31 / Number 5
Established 1973







ON THE COVER: Photo by Paul Rocheleau. The 1892 Jeremiah Nunan House in Jacksonville, Oregon, was ordered from *The Cottage Souvenir,* a book of plans issued by architect George F. Barber.

72 **Revolutionary Carpentry**
By Nancy E. Berry
North Bennet Street School uses traditional building techniques to restore an 18th-century cupola.

78 **The Making of Built-ins**
By Gordon Bock
The evolution of this Arts & Crafts feature from a century ago fused practicality and beauty.

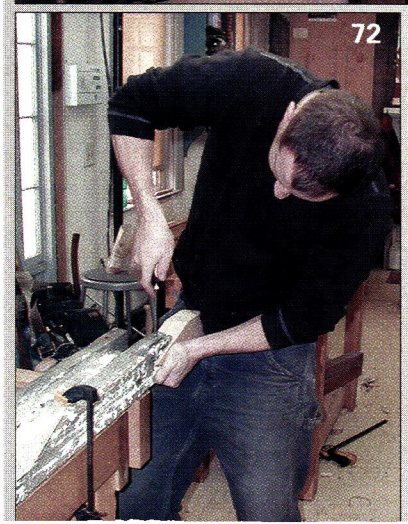
82 **Window Shopping**
By Kathleen Fisher
If you need to buy new wood windows, you'll have a long list of factors to consider.

88 **The Bare Naked House**
By Jean France
Stripped of all finishes, an 1830s farmhouse reveals the secrets of its building materials and methods.

94 **Unremuddling**
By Kathleen Fisher
In celebration of OHJ's 30th, readers share triumphs in restoring their houses.

100 **Shingle Vision**
By James C. Massey and Shirley Maxwell
The Shingle style, popular 100 years ago, continues to resonate in 21st-century houses.





Old·House Journal®

Departments

8 Editor's Page

10 Letters

17 Annunciator
R & R in Chicago; restoring lampshades.

22 Essay
By Ronald Frantz
Finding fame in the pages of Old-House Journal.

25 Ask OHJ
A collection of OHJ's 30 top restoration tips.

31 Plots & Plans
Secret doors.

35 Conservator
By Steve Jordan
Working with water-based paints.

41 Fine Design

45 Preservation Perspectives
By J. Randall Cotton
What is the future of preservation?

49 Outside the Old House
By D. Keith Crotz
How technology gave birth to America's obsession with the well-manicured lawn.

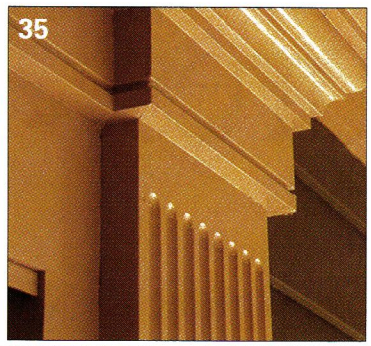
111 Old-House Products

125 Downtowner
By James C. Massey
OHJ helps HABS blow out some candles.

130 Suppliers

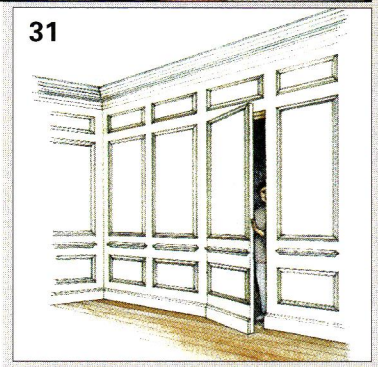
162 Swaps & Sales
Historic properties for sale, antiques, architectural services.

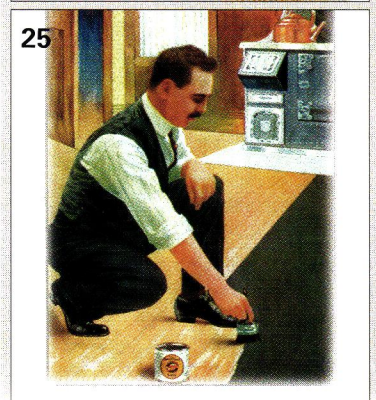
170 Remuddling











Productive Experience

If you're looking for a handy way to find quick answers to questions about old-house products, OHJ Online has a new feature that will help you out. Go to the site's home page, scroll down to "Looking for Restoration Products," and click on. You'll come to a list containing scores of companies offering products and services for the old-house owner. Click to one that interests you, and you'll discover a helpful package of facts, including a short description of the company, contact info, product pictures, a Web link, and the ability to order extensive product literature online.

Go to: oldhousejournal.com



DREAM ON...

The kitchen of your dreams.

If someone said you could buy the custom cabinetry of your dreams, directly from the cabinetmaker, without even visiting the shop (unless, of course, you wanted to), you'd probably say, "Dream on..." But, for our customers, that "dream" comes true every day.

We craft furniture quality, one of a kind cabinetry for every room in the house. Arts & Crafts, Shaker, Early American, and Victorian styles—in a wide range of finishes, including authentic milk paints.

Ready for the kitchen you've always wanted? Give us a call and dream on...

CROWNPOINT CABINETRY

Period styling.
Handcrafted to the finest quality.

153 Charlestown Rd. Claremont, NH 03743
800-999-4994 Fax: 800-370-1218

For more details on this kitchen, please visit our website:
www.crown-point.com

Editor's Page

On Turning 30 in '03



Many times I've been asked if OLD-HOUSE JOURNAL ever runs short of fresh article ideas, or if the people who put it together ever lose interest in old houses. I've had the privilege of being on staff at OHJ for three major birthdays now and working with our team of trusted editors and contributors for more than a decade. Speaking from personal experience, I can say conclusively the answer is, "Not a chance!"

With the issue you hold in your hands, OHJ celebrates its 30th anniversary—a testament surely to the long and steady growth of a unique publication, but no less to the increasing scope and popularity of historic preservation. As many readers know, when OHJ began in 1973, it was as a black-and-white 12-page newsletter that more or less focused on Victorian inner-city dwellings. Thirty years later OHJ fills a full-color magazine that embraces the world of historic houses, from the earliest medieval examples of the 1600s to the ranches and split-levels of the 1950s. It's a world that will continue to expand with time and our increasing knowledge. Who could be bored in a field as rich and deep as this?

Just the other day a colleague noted, "When people ask me, 'What's different about OLD-HOUSE JOURNAL?' my answer is, 'We're 30 years old!'" That is precisely the point. OHJ did not materialize a decade ago to jump on some bandwagon when demographers suddenly noticed that half the American housing stock was more than 50 years old. Indeed, we helped get the wagon moving—even helped build it—and that is a story we've been highlighting all this year on OHJ's 30th "Anniversary Countdown" page. From championing the fight to save Victorian buildings, to recognizing the significance (and preponderance) of bungalows and mail-order catalog houses, to the new frontiers of preserving the architecture of the recent past, OHJ has been—and continues to be—in the vanguard.

Back in the 1980s, when OHJ was already in its teens, the oracles of magazine publishing announced that the general-interest magazine was gone, and the demise of *Life* magazine and other landmark titles certainly seemed proof. The new wave, they said, would be the special interest or "niche" magazine that provided a specific audience with specialized information and useful insights. Everyone at the editorial office said the same thing: "That certainly sounds like OHJ!" How could we be there ahead of the pack? By not being in any pack, of course, but by serving a real need, pursuing an intense interest, indulging a love.

Said the stranger to the woman with a clutch of kids, "How do you divide your love among so many children?" She replied, "I don't divide it, I multiply it." In the years to come we'll continue to multiply the articles and experiences in OLD-HOUSE JOURNAL for old-house lovers like me and you.



Old-House Journal
The Original Restoration Magazine

EDITOR-IN-CHIEF Gordon H. Bock
ART DIRECTOR Karen Pollard
SENIOR EDITOR Kathleen Fisher
MANAGING EDITOR Nancy E. Berry
CONTRIBUTING EDITORS James C. Massey
Shirley Maxwell
Marylee MacDonald
Steve Jordan

EDITORIAL OFFICES 1000 Potomac St., NW
Suite 102
Washington, DC 20007
TEL (202) 339-0744
FAX (202) 339-0749
SUBSCRIPTION INQUIRIES (800) 234-3797

PUBLISHER John A. Pagliaro
CIRCULATION DIRECTOR Marilyn Light
CIRCULATION MANAGER Debra Langwell
RETAIL SALES DIRECTOR Mark Harris,
National Publisher Services
PRODUCTION MANAGER Katie Peyton Mason
DIGITAL IMAGING CONSULTANT George Brown

BUSINESS OFFICES Restore Media, LLC
1000 Potomac St., NW
Suite 102
Washington, DC 20007
TEL (202) 339-0744

RESTORE MEDIA, LLC

CHAIRMAN, CEO Michael J. Tucker
PRESIDENT Peter H. Miller
EXECUTIVE VICE PRESIDENT Paul Kitzke
NATIONAL ACCOUNTS MANAGER Robert P. Fox
CHIEF FINANCIAL OFFICER Cynthia Gordon-Nicks
VICE PRESIDENT, CREATIVE DIRECTOR Karen Pollard
MARKETING DIRECTOR Susan M. Steeley
ACCOUNTING MANAGER Shawn Williams
MANAGER, ACCOUNTS RECEIVABLE Carolyn Walsh
SALES/MARKETING ASSISTANT Ann Margaret Dodd

FOR MORE INFORMATION:
Subscription Sales & Service: (800) 234-3797
Back Copy Sales & Service: (202) 339-0744
The Restoration Directory: (202) 339-0744
Reprint Sales (877) 734-6650

© Copyright 2003 by Restore Media, LLC
All rights reserved.

PRINTED IN U.S.A.

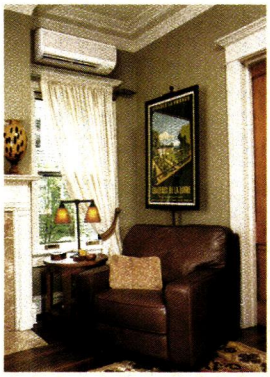
Privacy of Mailing List: We rent our subscriber list to reputable companies. If you do not wish to receive promotional material from other companies, please call us, toll free, at (800) 234-3797.

Audit Bureau of Circulations

Founded by Clem Labine, 1973

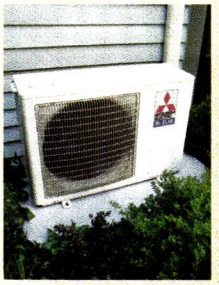
SACRILEGE.





The sleek wall-mounted indoor unit cools and heats quietly and efficiently without blocking your windows (unlike window units).

Inviting porches. Detailed woodwork. Stained glass. These touches make older homes beautiful, but are often spoiled by ugly air conditioning units hanging from the windows. With quiet Mr. Slim® ductless air conditioning and heat pump systems from Mitsubishi Electric, any room in your home can be comfortable and beautiful. The systems don't require ductwork, making them easy to install in older homes and additions, while their sleek, wall-mounted design gives you your windows and views back. And every Mr. Slim system even comes with a handy remote controller. You love older homes for their craftsmanship. You'll love Mr. Slim ductless air conditioning systems for the same reason.



A single, compact Mr. Slim outdoor unit can heat or cool up to three rooms in your home.

www.MrSLIM.com | MITSUBISHI ELECTRIC | 1-888-4MRSLIM

©2003 Mitsubishi Electric & Electronics USA, Inc. Mr. Slim, Mitsubishi Electric Corporation and the three-diamond logo are registered trademarks of Mitsubishi Electric Corporation.

Letters



Unique Porches

The July/August article on porches is beautiful, showing varieties and individualities lost in most of today's buildings. Alas. There is a street in Hudson, Massachusetts, that I drive down in a somewhat swivel-headed fashion. It has at least two dozen houses with porches that are all different. I look for the same posts, baluster turnings, rails, rail patterns, and brackets, but all are different. If the street were built today, all the bits and pieces would be the same.

John J. Rogers
Bolton, Massachusetts



Open-and-Shut Case

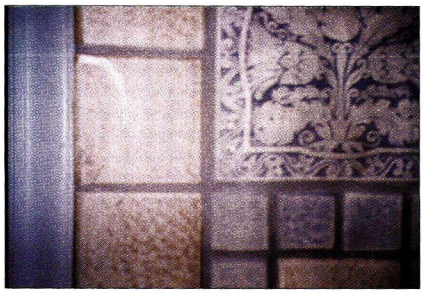
The house in the photograph on page 90 of the July/August issue is almost identical to the Ryan House in Dubuque, Iowa. Its porch was open until the late 1960s, when it was glassed in, as seen in the photograph, shortly before the house was converted into a restaurant. In almost 30 years of experience as an architectural conservationist, I have yet to encounter an Italianate house with porches that were originally enclosed in glass.

David Arbogast
Iowa City, Iowa

The house shown is actually the 1869 Wesley House at Drew University in New Jersey. In fact, many porches of that era were partly lost—or very shortly afterwards—to make them more useful year-round.—Eds.

More Tile Tips

I congratulate you on your sound answers to the inquiry about the tile mantel in the July/August "Ask OHJ." Living in Kentucky/Ohio for eight years gave me an appreciation of the Rookwood designs, glazes, and production. The fact that Rookwood was started by a woman [M.L.Nichols] added to my interest. Before specializing in Ernest Batchelder tiles I spent some happy years detecting how Rookwood achieved their luscious glazes, which is what they are especially known for. Your reader's tiles may have either the soft buttery surface or the more glossy one. Either way, I would emphasize caution while wet sanding after a filler. If there is some dulling of the surface, a discrete dab of a good paste wax (such as BriWax) should bring up the sheen.



Marie Glasse Tapp
Tile Restoration Center, Inc.
Seattle, Washington

Old·House JOURNAL

ADVERTISING SALES OFFICES

HEADQUARTERS
PUBLISHER John A. Pagliaro
1000 Potomac St., NW
Suite 102
Washington, DC 20007
TEL (202) 339-0744, ext.102 **FAX** (202) 339-0749
jpagliaro@restoremedia.com

EAST COAST
Robert P. Fox
27 York Ave.
Rye, NY 10580
TEL (914) 777-1898 **FAX** (914) 777-0099
bfox@restoremedia.com

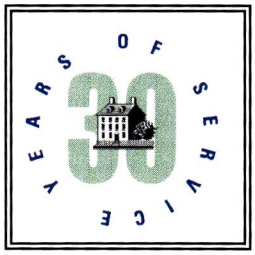
CANADA
John Magner/Colleen T. Curran
2846 Barlow Crescent
Dunrobin, ON KOA 1T0
TEL (613) 832-0576 **FAX** (613) 832-0568
ctcurran@attcanada.ca

MAIL ORDER
Barbara Jones
East Coast Mail Order Sales Manager
688 Powder Horn Row
Lakeland, FL 33809
TEL (863) 816-2505 **FAX** (863) 816-1880
bjones@restoremedia.com

Tammy Dennis
West Coast Mail Order Sales Manager
64-21 65th Lane
Middle Village, NY 11379
TEL (718) 821-6156 **FAX** (718) 821-3685
tdennis@restoremedia.com

NATIONAL CLASSIFIED/REAL ESTATE
Munira Marlowe
Inside Sales Manager
P.O. Box 2668
Spotsylvania, VA 22553
TEL (540) 785-5705 **FAX** (540) 785-4675
mmarlowe@restoremedia.com

RESTORATION & RENOVATION EXHIBITION AND CONFERENCE
Eric Peterson, Anita Delargy
Exhibit Sales
1000 Potomac Street, NW, Suite 102
Washington, DC 20007
TEL (866) 566-7840 **FAX** (202) 339-0749
epeterson@restoremedia.com
adelargy@restoremedia.com

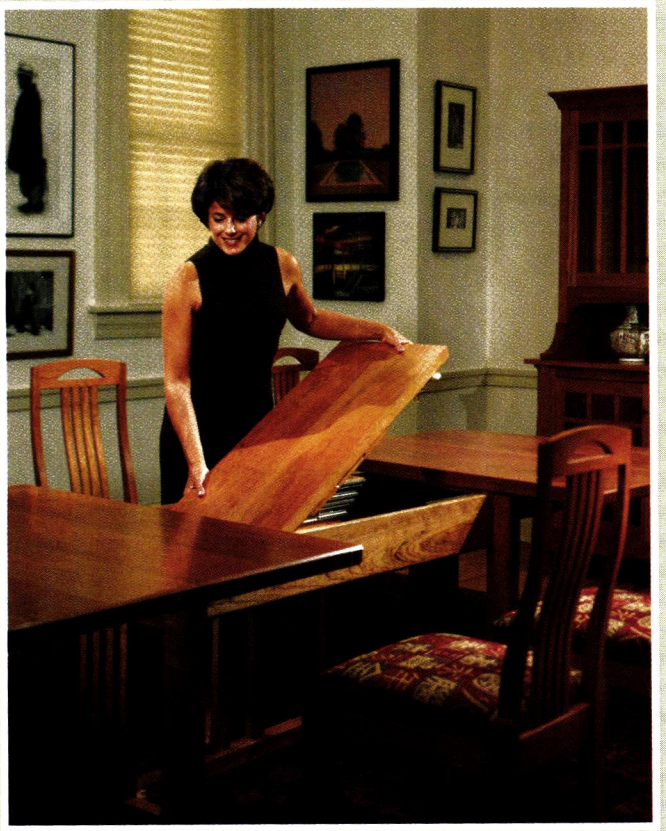


Custom Dining Furniture

Paul Downs makes tables in every size, shape, and configuration. We provide expert design assistance to help you plan the perfect dining room. See our website for over 100 table designs, along with chairs, servers, and more - or call us for more information.



The Brandywine Table features ball bearing slides and self storing leaves. In solid cherry; seats 8 to 14. As shown: $3650. Penn Valley server: $8900 Lemonde chairs: $575 each



Never struggle to open your table again. Paul Downs makes tables with ball-bearing slides and self storing leaves that can be easily opened by one person. See our website for complete information on different configurations available.

- Custom sizing
- Unusual configurations
- Waterproof urethane/oil finish
- Ball bearing slides
- Self-storing leaves
- Matching chairs and servers
- Affordable nationwide shipping

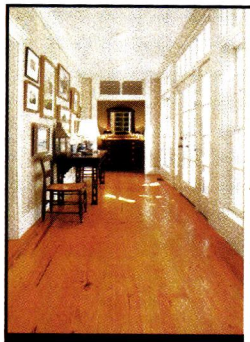
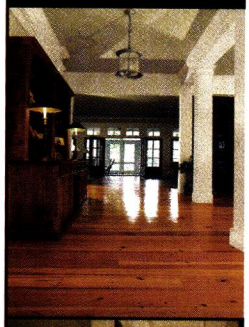
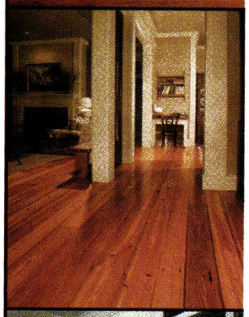
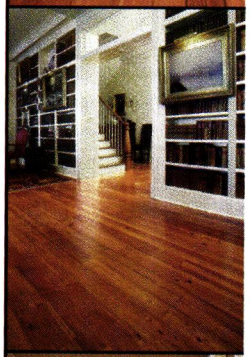
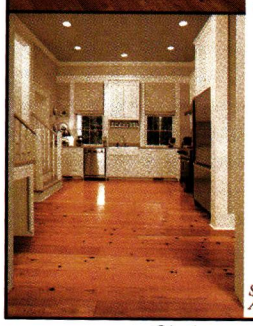
PAUL DOWNS

CABINETMAKERS

401 E. 4th St. Bridgeport, PA 19405

610 664 9902

www.pauldowns.com


Antique Heart Pine
Classic Heart Pine
and Wide Plank
SOUTHERN WOOD FLOORS
(888) 488-PINE
southernwoodfloors.com

Antique heart pine rescued from 19th century buildings.

Longleaf heart pine, Southern wide plank grown in managed pine plantations.

For floors, walls, ceilings, stairs and cabinets.

Southern Wood Floors
Augusta, Georgia
Circle no. 541

Letters

Faux Slate Source

We want to replace the artificial slate tile on our roof. I noted in your July/August 2002 article on faux slate roofing that there is one made of slate and resin and molded into shapes like real slate, but the company isn't referenced.

Kenneth Sterne
Alexandria, Virginia

The product you're looking for is MiraVista by Owens Corning. Call them at (800) 438-7465 or visit www.owenscorning.com.

After the Storm

The East Main Street Historic District in Jackson, Tennessee, was hit May 4 by tornadoes. Seventeen houses that range from 1857 to 1915 were all heavily damaged. We are a small, close-knit group dedicated to our homes. One home we are in danger of losing is the McKinney House, an 1878 Grand Italianate 20-room mansion and one of the best on our street. The owners had insurance, but not nearly enough. They have worked on the house for 23 years and can't tackle it again, although they are buying another here on the street.



We need information on support that we might get. The owners are willing to donate the home to a corporation that has the resources to redo it, perhaps as a hospitality house.

Russ Talley
Jackson, Tennessee

Cool Solution

I read with interest "Keeping Your Cool" (July/August) by Marylee MacDonald. As a historical architect and restoration addict, I'm well aware of the challenges inherent in upgrading HVAC systems of old houses, and the potential tradeoffs between function and aesthetics.

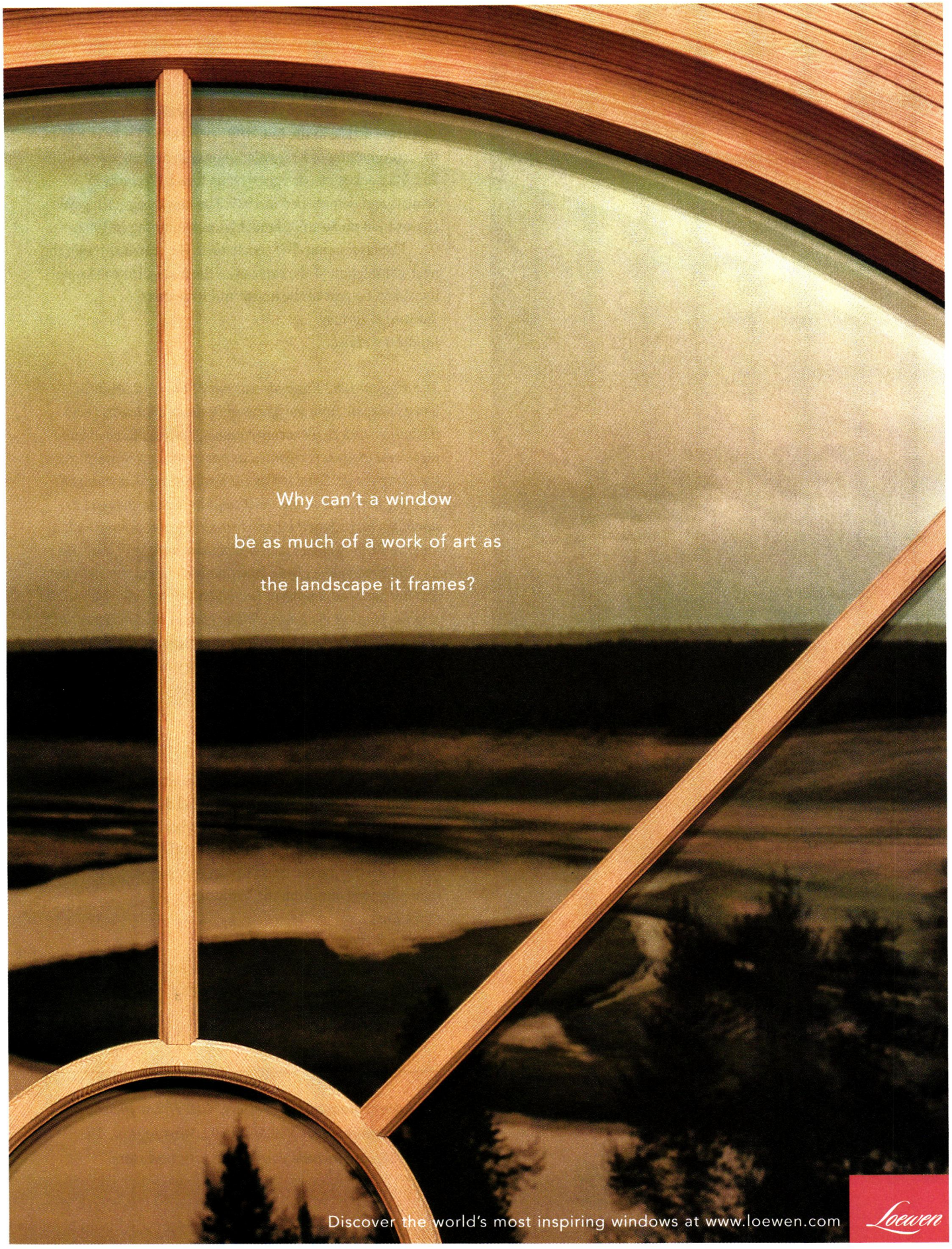
After 30 years as only the second owner of my National Register Queen Anne, all the while changing storms and screens, lugging window air conditioners, putting up and taking down awnings, I decided it was time for central air.

I decided against a high-velocity system, shuddering at the thought of cutting through 100-year-old plaster and snaking ductwork through walls. Other approaches required cutting into pristine floors. The perfect solution had been there all along. In 1910, the heating system had been converted from gravity air to hot-water radiators. The wall ducts and grilles from the gravity system were still in place, the grilles beautifully framed by meticulously crafted woodwork.

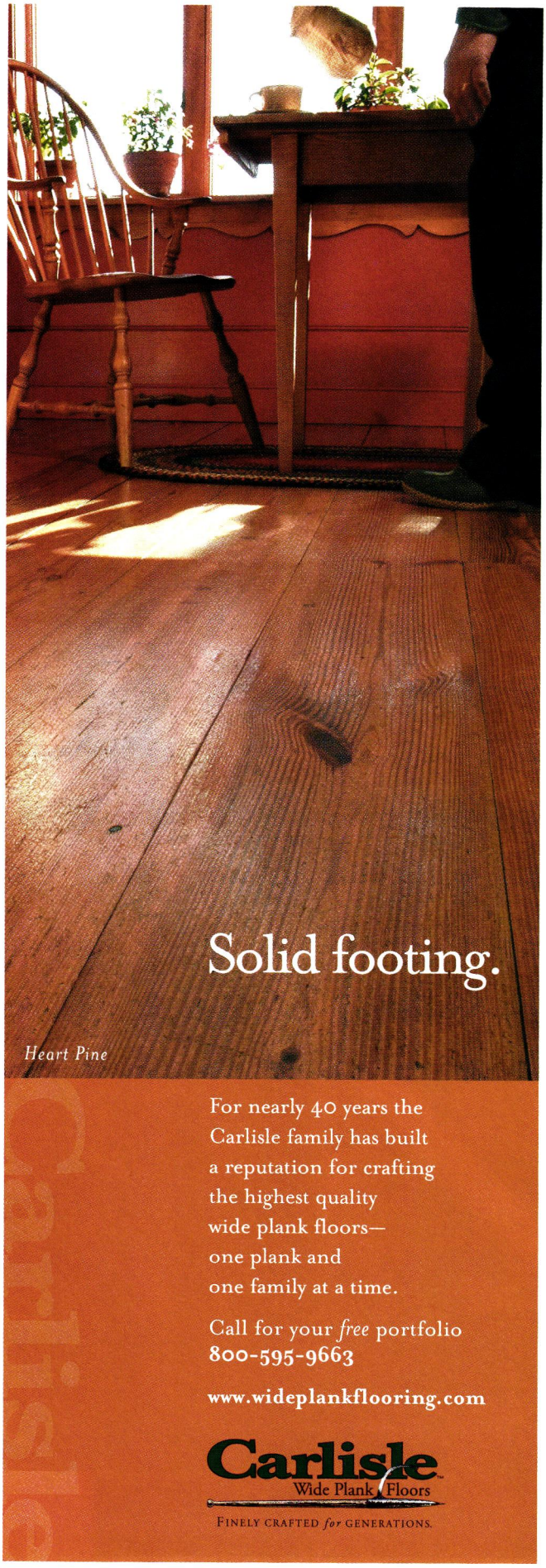
Working with an engineer, we ran some numbers and found to our surprise that the original system (many of these old gravity systems apparently are oversized by today's standards) would handle the task with the addition of only one supply duct to the kitchen. We ran new trunkline ductwork and installed the blower unit in the basement, and *voila*!

The Queen Anne is now delightfully comfortable in the summer and winter. In the summer, the blower unit circulates and dehumidifies the air. In the winter, hot water circulates through the radiators. And best of all, no more changing storm windows with a 40-foot ladder.

Charles W. Nelson
South Park, Minnesota



Circle no. 334



Circle no. 127

Letters

Another Side of Kragsyde

A feature article in the June 1987 OLD-HOUSE JOURNAL tells of the reproduction of Kragsyde, a house in Manchester-by-the-Sea, Massachusetts, designed by architects Peabody & Stearns and demolished in 1929. The new design, Kragsyde II, was built on Swan's Island, Maine, beginning in 1982.

The fascinating OHJ article takes the reader through the near-completion of the exterior of the house. Do you know the current status of the house and its owners?

Edward F. Turberg
(address withheld)

The original 1882 Kragsyde was one of the most inventive houses to come from the offices of Peabody & Stearns (who thereafter stuck to more conventional, Colonial Revival buildings), and today it is regarded as one of the lost masterpieces of the Shingle style. Scholar Vincent Scully is credited with rediscovering the house in the 1950s, and its famous photo of a rambling, multi-bayed building straddling a rocky site with a massive Richardsonian arch has become an icon of the style.

Inspired by the photo, Jane Goodrich (a graphic designer) and her husband Jim Beyor (a builder by profession) found the original plans at the Boston Public Library and adapted it to a new site by building a replica in mirror image. The results can be seen in the book Shingle Styles *(Harry N.Abrams Inc., Publishers; 1999) with beautiful photos by Bret Morgan and text by Leland Roth. —Eds.*

Polished Brass

My wife and I just purchased a house built in 1928. Our problem is that all the interior oak panel doors have been painted. All the brass-plated doorknob backplates are painted as well. How can I remove the paint off the backplates without destroying the brass finish? Any special tricks for removing the paint from the hardware?

Derek Katz
Cleveland, Ohio

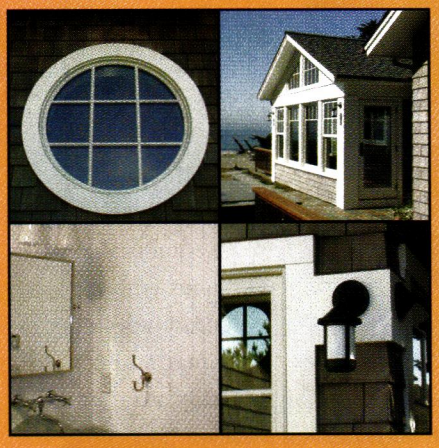
Check out this issue's "Ask OHJ" on page 24 for tips on stripping paint from hardware.—Eds.

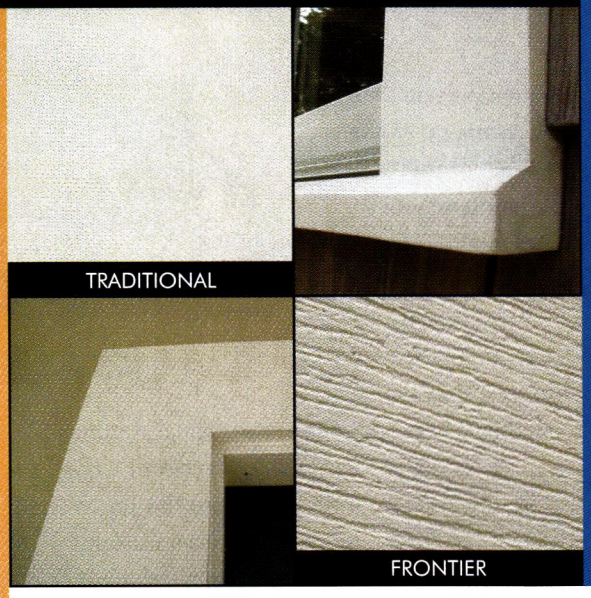
Send your comments to "Letters," OLD-HOUSE JOURNAL, 1000 Potomac Street NW, Suite 102, Washington, DC 20007. Please include your name, city, and state.

TRIM WILL NEVER EVER BE THE SAME



Picard Construction, Soquel, CA
AZEK materials distributed by Capitol Lumber, Healdsburg, CA





Don't miss out on one of the hottest category shifts in history. The future of trim is cellular pvc and AZEK® is the brand leader.

Visit your AZEK Dealer today to see the latest AZEK innovation - AZEK Frontier Series. This truly reversible trim product has a rustic Frontier texture on one side and the Traditional smooth finish on the other side.

The best part? Either side lies flat for installation and provides unequalled Uniformity, Durability, Workability, and Beauty.

Trim will never ever be the same.

AZEK®
TRIMBOARDS

www.azek.com • (877) ASK-AZEK

© 2003 Vycom Corp., Moosic, PA

Circle no. 308

"The White House of the land of cotton now has a porch that will not go rotten. Look away, look away, look away..." (well, you know the rest.)

WE'VE PUT A PORCH ON THE WHITE HOUSE OF THE CONFEDERACY THAT'S GUARANTEED TO LAST A WHOLE LOT LONGER THAN THE CONFEDERACY.



{White House of the Confederacy ~ Richmond, Virginia}

When it came time to restore the White House of the Confederacy in Richmond, Virginia, curators consulted scores of historic documents to ensure that the landmark was restored to its original wartime appearance. When it came time to replace the porch floor, they chose a product that would exactly match the planking originally used in 1818, but would also withstand the visitor traffic it receives each year.



They chose TenduraPlank® composite porch flooring.

TenduraPlank is a tongue-and-groove porch plank that comes in traditional 1-by-4 and classic 1-by-6-inch sizes. Combining the warmth of wood with the durability of plastic, TenduraPlank comes with a factory-applied primer and can be painted with any high-quality exterior floor paint. Each plank is installed with a standard flooring nailer. Best of all, it's guaranteed for as long as you own your home.



TenduraPlank has the look and feel of the tongue and groove it replaces – with one big difference – it does not rot.

Call 1.800.TENDURA or visit tendura.com for a free sample and brochure.



Because it is made from by-product sawdust, no trees are timbered just to make TenduraPlank.

TENDURAPLANK®

COMPOSITE PORCH FLOORING

tendura.com 1-800-TENDURA

Circle no. 258

Calendar

September 7
WOODSTOCK, N.Y.
Guided Walking Tour of Byrdcliffe
The Arts & Crafts colony of Byrdcliffe celebrates its centennial this year. Founded by Ralph Radcliffe Whitehead, it has 35 Arts & Crafts buildings spread across 300 acres in the Catskill Mountains just three hours from New York City. For more information on this free event call (845) 679-2079 or visit www.woodstockguild.org.

September 13–14
LUNENBURG, NOVA SCOTIA
Historic House Tour
Lunenburg, a UNESCO World Heritage Site, celebrates its 250th birthday with a historic-house tour. House styles range from 18th-century to Arts & Crafts. Tickets are $20. For more information call (902) 634-3749.

September 18–20
CHICAGO, ILL.
Restoration & Renovation Exhibition and Conference
During this event, the Historic Resources Committee will hold two workshops: historic structures and historic tax credits. For more information visit www.restorationand renovation.com.

September 20–21
PORT TOWNSEND, WASH.
Fall Homes Tour
Port Townsend boasts the Northwest's greatest selection of Victorian homes and buildings on the National Register. The tour is self-guided. Advance tickets are

Lampshade Chic

By Sandra Beckwith

Flip the light switch in a dark room and your eye automatically goes to the light source—probably a ceiling fixture or a lamp with an off-the-rack, vanilla ice cream-colored shade that disappears into the décor.

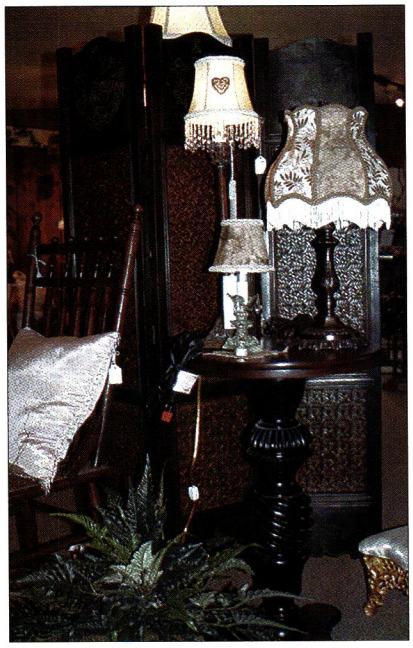
That frustrates lampshade artist Amy Noto, who restores old shades or creates unique custom-made designs for older homes. "Lampshades from the turn of the century, for example, were eye-catching, with ornate beading and vibrant colors," she explains from her studio and shop, Archipelago, alongside the historic Erie Canal in Pittsford, New York. "Back then, when electric lighting was so new, people used lamps to both illuminate and beautify a room. It's such a shame that we don't use lighting that way any more."

Noto restores older lampshades that customers bring from their attics, family homes, or flea markets, or she starts with a new frame selected to match a customer's home décor. Typically, she says, customers are part of the creative process as they select the shade shape, fabric, and trim. A recent customer worked with Noto to create a design that was intended to become a family heirloom. Many customers provide leftover fabric from a decorating project, but Noto also stocks vintage and new fabric that catches her eye, or she shops for material based on customer specifications.



PHOTOS SANDRA BECKWITH

Custom lampshade artist Amy Noto stretches fabric over a frame she has wrapped with twill ribbon. Below: Noto's finished Victorian shades.



Interior decorator Greta Goss, who occasionally uses custom shades in decorating projects, advises her clients to make certain the fabric selected is appropriate for the amount of light needed from the fixture. Goss also suggests selecting a shade that complements the home's age. "For a bungalow, you will never go wrong with a cream-colored semitransparent linen or burlap or with tussah silk," she says.

Fabric lampshade making involves wrapping a wire frame with twill ribbon, which provides an anchor for fabric that is glued or stitched into place. The artist covers the seams with upholstery-type trim; the finishing embellishment is often a beaded or fringed border applied to the bottom edge of the shade.

Those ordering custom or restored lampshades need patience—Archipelago's customers wait eight to 10 weeks for shades ranging in price from $25 to $300. While it often takes eight hours to create a lampshade, Noto embraces each project with the enthusiasm of a child who buys a new outfit for the first day of school but can't wait until then to wear it. "I love the creative process of finding pieces that go well together."

Whether using a flea market frame updated with new fabric or a new frame covered with grandmother's tablecloth, Noto says a custom lampshade will add personality to any older home. "Lamps from the past always made such a statement in a room," she adds. "There's no reason why we can't revive that tradition."

You can view Noto's work at www.archipelagolamps.com.

***Sandra Beckwith** writes from Fairport, New York.*

TODAY'S ... Most Exquisite ...



THE MISSION STREET COLLECTION®

...Is old world craftsmanship at its best ...A Beautiful Marriage of the ancient art of hand-crafting and preserving furniture with the designs and cabinetry methods inspired by the turn-of-the-century "Arts and Crafts" Movement, championed by such famous designers as Frank Lloyd Wright, Gustav Stickley, and Elbert Hubbard...

...Each piece is generously cut from carefully selected 100% solid wood— Then completely and lovingly built by hand from start to finish...



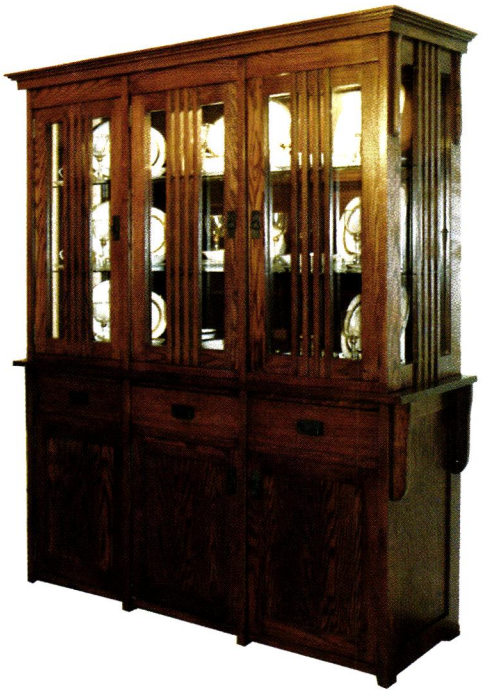


...The goal has been to duplicate the quality, integrity of design, and beautiful simplicity of these old works-of-art while employing modern adaptations to fit the American Lifestyle...

...Solid Wood Mission Furniture...



...The Results are truly Stunning works-of-art to be handed down with pride to the next generation and beyond.



ANNOUNCING

FACTORY DIRECT DELIVERY

NOW AVAILABLE IN MOST AREAS

Call 800-278-2019 or visit our website (Address Below) for your Old House Journal Readers' Special Please use code: OHJ03035





Strictly Wood Furniture, Co.

HAND MAKERS OF FINE FURNITURE

Charlotte, North Carolina

1-800-278-2019

LIFETIME WARRANTY*

*Call or See Web Site for Details

Circle no. 350

Online Catalog: **http://www.StrictlyWoodFurniture.com**

Calendar

$13 for adults and $7 for children younger than 12. The event is sponsored by the Jefferson General Hospital Auxiliary. Funds raised will go toward equipment for Jefferson General Hospital. For more information call (360) 385-2722 or visit www.ptguide.com.

September 30–October 5
DENVER, COLO.
National Trust for Historic Preservation Conference
The theme for this year's conference at the Westin Tabor Center Hotel is "New Frontiers in Preservation." Topics include downtown revitalization, preservation of post-war resources, preservation planning and new urbanism, and heritage tourism. Full registration before September 25 is $355; students $130. For more information visit www.nthpconference.org.

October 8–9
JACKSONVILLE, FLA.
Preservation Seminar: Using the Secretary of the Interior's Standards for the Rehabilitation of Historic Properties
This seminar, held by the National Preservation Institute in cooperation with the Jacksonville Historic Preservation Commission and the Jacksonville Planning and Development Department, will explore the standards in detail with attention to character defining details, preservation of historic fabric, and use of replacement materials. The cost is $375. For registration information on seminars call (703) 765-0100 or visit www.npi.org.

Learning Down on the Farm

The Preservation Trades Network's International Trades Network Workshop will be at Blandair Farm in Columbia, Maryland, October 9–11. This annual event brings tradespeople together for three days of hands-on demonstrations in preservation of slate and metal roofing, plaster repair, decorative painting, timber framing, tool making, shutter and sash restoration, repairing lime mortars, building dry stone walls, and much more.



Participants at the Preservation Trades Network's International Trades Network Workshop can explore hands-on training in traditional building techniques.

A unique, preserved parcel of Howard County's agricultural past, Blandair Farm represents a rural oasis in the middle of the 1960s planned community of Columbia. The workshops will use much of the 300-acre historic farm complex for classrooms, demonstration areas, and camping.

The event will begin with a keynote address by Clem Labine, founder and publisher of *Traditional Building* and *Period Homes* magazines as well as founder of OLD-HOUSE JOURNAL. Labine will discuss the future of preservation and how the building trades will help shape that future. Training classes will be offered prior to the event in timber-framing repair, paint removal, and safe lead paint practices. For more information call (860) 633-2854 or visit www.ptn.org.

RESTORATION & RENOVATION
Exhibition and Conference

Going for the Green

"Building Green" will be a major theme at the fall Restoration & Renovation Exhibition and Conference, September 18–20, in Chicago, with a Green Pavilion (of specialty products) and a Green Theater (of tips for professionals) to spread the philosophy of renovation and construction that protect the environment. Through a cooperative program with the U.S. Green Building Council, suppliers, manufacturers, designers, and other professionals will be encouraged to develop more sustainable sites and make better use of resources and materials.

One presentation within this green theme will be on green bungalows and will focus on a model city program to make 50-year-old housing (there are more than 80,000 bungalows in Chicago) more energy efficient.

Homeowners should enjoy programs on regional architecture: Sears kit houses, middle-class residential architecture from 1900, unique features of North Shore Chicago houses, and the appropriate look of Arts & Crafts homes inside and out. Of interest to anyone who owns an urban or suburban home will be a session on adding on to a house that is on a small lot. Attendees can also hear a panel of experts discuss such great and controversial Chicago-based architects as Daniel Burnham, Louis Sullivan, Howard Shaw, Frank Lloyd Wright, and Mies van der Rohe. For more information visit www.restorationandrenovation.com.



GET A NEW TUB, FRIDGE OR GRILL

without

SPLURGING

ON A NEW TUB, FRIDGE OR GRILL.

Replacing high-cost home items needn't be high cost. Or high hassle. Simply use Rust-Oleum and add years to your kitchen, bathroom and appliances. Rust-Oleum High Heat provides a heat-resistant finish that makes grills and radiators look brand new. Rust-Oleum Appliance Epoxy brings new life to old refrigerators, dryers and more. And Rust-Oleum Tub & Tile restores the original look of your ceramic, fiberglass and porcelain surfaces in no time. Think of it as "newness in a can," courtesy of Rust-Oleum.

RUST-OLEUM®

stopping rust is just the start.™

paintideas.com

rustoleum.com

Circle no. 355

Fame: My More Than 15 Minutes

By Ronald Frantz



BILL FIRESTONE

Spring 1977

It's 2 a.m. in New Orleans, and I'm sitting on an abused, off-balance washing machine. At this time of day, I can run all my clothes in a line of machines and read my new Old-House Journal. Strange for a college freshman? Not at all. I'm studying architecture and historic preservation in this beautiful city filled with ornate old houses. And I've set two goals for myself: 1) Save enough money to order all the back issues of Old-House Journal. 2) Restore a great old house and tell the story in this publication.

March 1982

The oil boom roars in Oklahoma City. For $18,000 I buy a 1912 bungalow in Paseo, a streetcar suburb. The gas main rambles under two other houses, two driveways, two garages, and several large sycamores. Two weeks and $3,600 later, the new lines pass inspection. I stage the ceremonial flush of the new pipes just as the state's economy goes down the Art Deco toilet.

Winter 1984

I live in a ghost neighborhood full of vacant dwellings selling for $1,500. New "neighbors" have neither keys nor leases, so they enter and exit through side windows. One wakes me each morning with boisterous renditions of "Happy Birthday," aimed mainly at bushes. Another, wearing a Boy Scout uniform, entertains a succession of men in Mercedes, BMWs, and Ferraris.

1987

While crime escalates around us, neighbors start an after-school program for latch-key children and hold house fairs to encourage people not to tear out their old windows and redwood siding.

1988

I recruit one newcomer—Mary. She's definitely the one. Who else would take a half-refinished bungalow in a sliding neighborhood, stacks of broken-down Mission Oak furniture, a rusted pick-up, three cats, four dogs, and me? Every morning we wave to the prostitutes catty-corner across the street. The grandfatherly neighbor behind us sells crack through a hole in his front door.

1991

We no longer joke about the neighborhood being everything it's cracked up to be. Our nightly citizen patrols, in combination with aggressive police programs, move the crime, crack, and prostitution elsewhere. It's time for new leadership in the citizens' association. I've got to finish our house.

May 1993

Our twins, Frank and Tom, are born during National Restoration Week. They are the first infants to be born to neighborhood homeowners in 31 years. We realize our house is too small for twins, cats, dogs, and five fish.

January 1994

We decide to sell, expecting the process to take two years. Amazingly, the house sells in 35 days for $49,500.

February 1997

There it is on page 50! My wonderful little bungalow in Old-House Journal. "Rich as Oil in an Oklahoma Bungalow" promotes the Paseo neighborhood and Oklahoma City. Somehow my front porch pose doesn't look too staged. After 12 years of restoration, the story can be told.

1999

I take a job with an architecture firm in Oklahoma City. I learned that the office had a field trip one day to find my house.

For a short time, I chair the Historic Preservation Department at the Savannah College of Art and Design in Savannah, Georgia. One day, I meet with a potential freshman and his mom visiting from Amarillo, Texas. When I ask what building type is his favorite, the young man responds "bungalows!" As I begin to tell him about my bungalow project in Oklahoma, his mother interrupts. "You're the guy! We know about your home. We read about it in Old-House Journal and planned a vacation to Oklahoma City to visit relatives and find your house."

2001

I give a downtown revitalization workshop in Hobert, Oklahoma. One of the volunteers takes me to her old house to meet her family and see "that Old-House Journal with an Oklahoma story" on display in her living room.

Spring 2003

We first moved 12 miles away, then 1,200 miles away, and now we're just 12 blocks away in a restored 1921 American Foursquare. This morning, I stopped by the bungalow to photograph the new colors being applied by the third owners since we left. The house will look great.

***Ronald Frantz** is a preservation architect with the Oklahoma Department of Commerce.*

Liberal married a conservative.

Conservative married a liberal.

Agreed on a door that can survive the occasional storm.



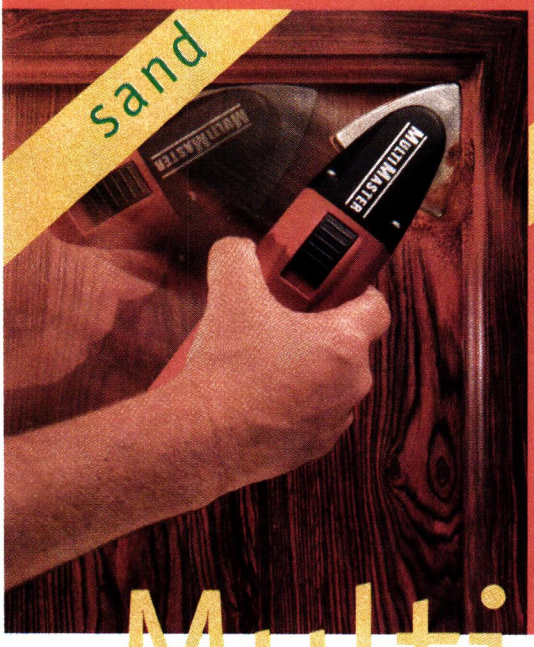
Some doors make a statement on their own. Matching elegance with strength, Marvin doors stand up to weather, time and differences of opinion. And since they're built to your exact specifications, you'll know they're always right. Learn more at **www.marvin.com** or call **1-800-268-7644** (in Canada, 1-800-263-6161) for a catalog.

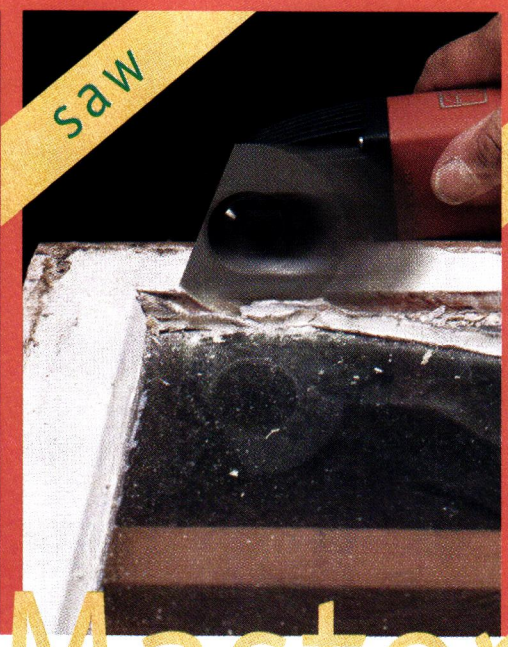
©2002 Marvin Windows and Doors. All rights reserved. ®Registered trademark of Marvin Windows and Doors.

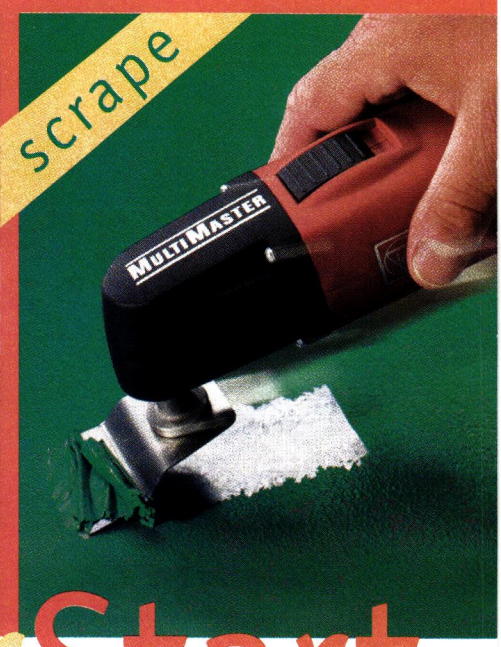
MARVIN
Windows and Doors
Made for you.®

Circle no. 323

The all-in-one tool at a new low price







MultiMasterStart

New single-speed version. Just turn it on and go!

•Detail Sander •Power Scraper •Oscillating Saw



Accessories included

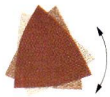




Optional Professional Kit

Go where other sanders can't. Sand into tight corners, along window panes, between shutter slats.

Saw where others fear to go. Cut putty along windows and into corners, undercut door jambs. The segmented blade lets you saw right up to the adjoining surface.



The MultiMaster blade oscillates to prevent kickback, vibration or accidents.

Finishing is just the beginning

Scrape cleanly and smoothly. Glide through paint, wallpaper, caulking and linoleum. The MultiMaster does all the work!

Just turn it on and go. All you do is steer! And best of all, you won't break the bank. Call **1-800-441-9878** for more details and our free brochure, or visit us at **www.feinus.com**.

Fein

Fein Power Tools, Inc.
1030 Alcon Street
Pittsburgh, PA 15220

Circle no. 151

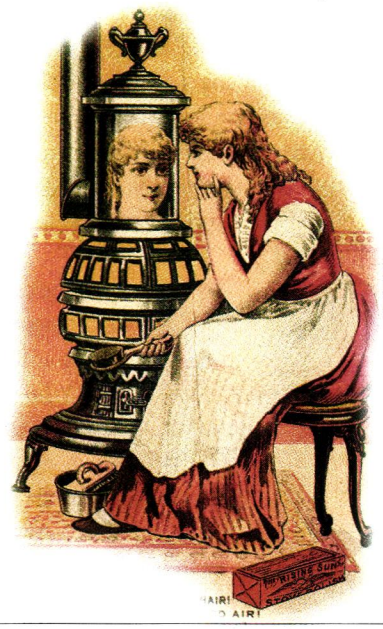
30 Restoration Tips

In Celebration of its 30th, OHJ offers 30 cleaning, stripping, and painting tips collected during the past 30 years!

CLEAN IT

Brand-name cleaners that are excellent for regular cleaning are often too harsh for restoration cleaning. When it comes to old surfaces, gentle cleansers are key. Some old-time favorites are Bar Keeper's Friend and Bon Ami. Always start with the gentlest method; always do a patch test.

1 To clean porcelain or tile, use the abrasion and bleach of Ajax or Comet. Porcelain fixtures streaked with green verdigris drips from old copper plumbing or acidic well water can be turned white again with a mixture of equal parts of Bon Ami and cream of tartar that is moistened to a paste with hydrogen peroxide. Let this paste sit on the stain for 30 minutes before rinsing it off. You can also buy a stain-removal product that contains phosphoric acid which is available at good plumbing supply houses.





2 Old glass is minutely pitted, so it's hard to clean. Forget Windex; use paste cleaner such as Glass Wax, which will buff off when it turns to an opaque mask.

3 For rust stains in porcelain sinks or tubs, use a paste of oxalic acid crystals (follow manufacturer's safety directions) or a product such as Zud that includes this chemical.

4 For dirty walls and painted woodwork, soap-and-water washing works best. Ivory Liquid is a must. You'll need drop cloths or newspaper, a soapy-water bucket, a rinse bucket, two sponges (natural sponges work better than cellulose), a ladder, and lots of paper towels. Test first an inconspicuous area. Then clean 3´x 3´ sections at a time. Contrary to apparent logic, start washing at the bottom of the wall, not at the top. If dirty wash water is allowed to run down over uncleaned sections of the wall, you'll get streaks that will be difficult or even impossible to remove.

5 To revive wood finishes, mix a tablespoon of Ivory Liquid soap to a quart of warm water and whip it to create a lot of suds, then dip an old washcloth into the suds (not the water) and vigorously rub the wood. Then wipe the wood with a dry cloth to remove any dampness. This method will remove surface grime without harming the patina.

6 To remove built-up wax on varnished-wood floors, wipe the floor with a rag moistened with turpentine or paint thinner; then follow with a clean cloth. Work on only as large an area as you can clean quickly so the wax doesn't reharden before you remove it.

HONORABLE UNMENTIONABLES

For polishing furniture and floors, there's nothing softer, handier, or more absorbent than old cotton diapers.

7 To kill mold and mildew, mix 2/3 cup TSP cleaner, 1/3 cup powdered detergent, 1 quart laundry bleach, and 3 quarts warm water and apply the solution—while wearing gloves and goggles—to the area with a medium scrub brush. Keep the surface wet until the stain has bleached; then flood with water.



ILLUSTRATIONS WARSHAW COLLECTION, ARCHIVES CENTER, NATIONAL MUSEUM OF AMERICAN HISTORY, SMITHSONIAN INSTITUTION

8 Sooty fireplace hearths are best cleaned with a hard-surface cleaner such as one containing sodium metasilicate (MEX is one widely used brand).

9 Marble is highly porous and prone to stains. The good news is many stains may be removed by applying certain cleaners or solvents in an absorbent poultice—a preparation typically composed of whiting (powered limestone which is sold at hardware stores). To make a poultice you combine a proprietary marble cleaner and whiting into a "pancake." When this poultice is pressed over the problem area covered in plastic the stain is slowly drawn into the whiting as the solvent evaporates. For organic stains from coffee, tea, or berries use a poultice of hydrogen peroxide mixed with a few drops of ammonia.

10 To shine nickel on stoves, lamps, or other hardware use a nonabrasive such as Nev-R-Dull.

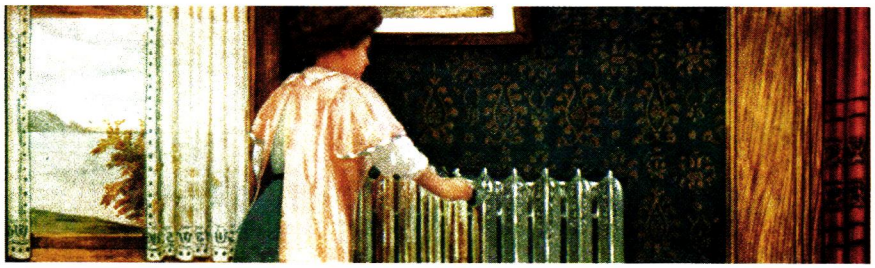


STRIP IT

Every old-house restorer has had the messy task of stripping paint from everything from wood to windows to radiators. The following are 10 helpful tips to take it off:

11 Don't scrape off chemical stripper before you give it a chance to work. It should loosen all the paint down to the bare wood. If your application dries out before all paint is soft, re-wet with another layer right on top. Wait 30 minutes.

12 Use a polypropylene parts-cleaning brush (found at an auto supply store) to apply stripper and scrub it off. The brush is stiff and stands up to solvents.



13 To strip cast-iron radiators in place, try wire-sanding wheels chucked into a drill or tap the radiator with a hammer to break the paint bond, then vigorously scrub the surface with a wire brush.

14 If you can't get the last flecks of paint out of the wood pores, brush on shellac cut with denatured alcohol. Let it dry a few days, and then strip with a thin layer of stripper. That usually pulls the paint out of the pores.

15 Scraping tools should be sharp. Touch up the edges every hour or so. It will be easier to scrape, and you won't mar the wood.

16 Metal hardware is easy to strip. Paint doesn't bond well to metal. Immerse the hardware in boiling water with a little vinegar; then hold it under the hot tap and razorblade the paint off. You can also dip it in a mini vat of stripper.

HONORABLE UNMENTIONABLES

Working on hands and knees on a masonry or hardwood floor can be murder on your kneecaps. If so, try doubling up the cups from old, padded bras to make some ad-hoc cushions. When you're caught short for a simple dust mask, a single bra cup may help. The foundation fabric is often the same material used in disposable filters found in hardware stores.

HONORABLE UNMENTIONABLES

When collecting materials to produce decorative wall glazing effects, be sure to grab an old pair of boxer shorts. Bunch the shorts in your hand and pat the paint on the wall so that the elastic waistband and fly seam create interesting patterns.

17 A lot of Victorian woodwork has turned and incised detailing. After your stripper has worked, floss out the softened paint with twine.

18 To strip carved or molded areas with chemical stripper, let it work on recesses for at least half an hour, then scrub with a tooth brush. (Reach-brand tooth brushes don't dissolve in chemical paint strippers.)

19 Some paint strippers say they are "water rinsable" on the label, but be aware that flooding a wood surface with water will raise grain, open glue joints, and loosen veneers. Better to do a solvent rinse (lacquer thinner, denatured alcohol, or mineral spirits).

20 If glass can be taken out of its frame, soak in hot water with a little ammonia or TSP. While it's still wet, scrape it off with a razor blade. A cloudy residue will remain; lye will take it out. A convenient way to buy lye is Easy-Off oven cleaner.



"Benjamin Moore calls it Putnam Ivory.

I call it home improvement."



When I want great looking protection for our home, I turn to a name I can trust –
Benjamin Moore & Co.
Their premium exterior paints go on smoother, with excellent coverage and superior adhesion for long-lasting protection.

I've always had confidence in Benjamin Moore® product quality, and my Benjamin Moore® retailer's knowledge and expertise helped me get it right the first time. That's my kind of home improvement.



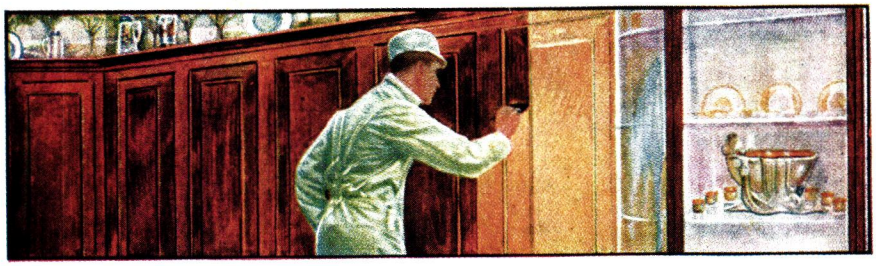
Benjamin Moore®
Paints

We make it simple to protect your home.

1-800-6-PAINT-6
www.benjaminmoore.com

©2003 Benjamin Moore & Co. Benjamin Moore is a registered trademark and MoorGard and the triangle M symbol are trademarks, licensed to Benjamin Moore & Co.

Circle no. 429



PAINT IT

Another tedious project for restorers is painting. Here are some tips on how to put it back on once you've taken it off:

21 Pressure-washing clapboards is a good alternative to scrubbing clapboards by hand. The problem with power washing is that it can push water into the wood under clapboards and between seams. This can lead to moisture buildup inside walls, and it can cause poor adhesion of new paint. If you decide to pressure wash, give walls good drying time before repainting, and be careful while spraying. It is not wise to spray up at a wall from ground level—from that angle clapboards and shingles will not keep water out. Power wash from a ladder or scaffolding.

HONORABLE UNMENTIONABLES

Never immediately discard worn-out panty hose. The fine, strong weave of the nylon mesh is great for straining dirt from paints and varnishes. Just stretch the hose across a suitable new container and decant the coating. Nylons are also ideal for polishing clear finishes, particularly shellac.

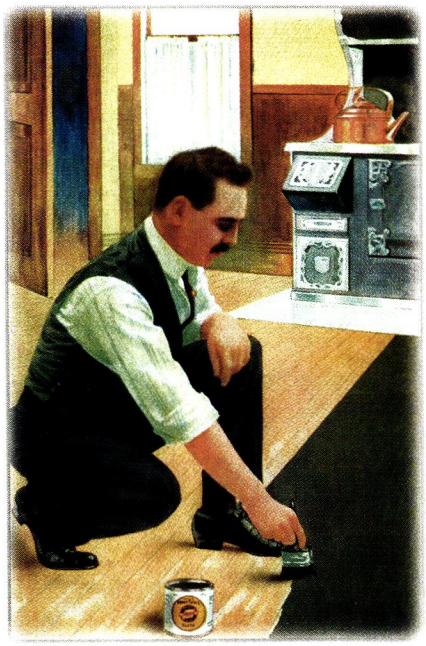
22 A good paint job requires a good brush. For oil paints, use the best Chinese bristle or synthetic Chinex bristle brush you can afford.



23 To avoid cleaning the brush daily, wipe off the handle and ferrule at the end of the day with a rag dampened with mineral spirits, wrap the bristles and ferrule in a plastic bag, tape it, and put it in the freezer for as long as a week. For latex paint, select a professional quality, nylon/ polyester or Chinex blend brush. Clean these bristles in water and a little detergent after each use.

24 Before you prime weathered or new woodwork, sand down to bright wood to remove dirt and cellulose fibers that prevent a good paint bond.

25 Keep the paint on the wood and off the window. Protect the sash with the edge of a wide blade wallboard knife when scraping off excess paint.



26 When painting a double hung sash, pull the upper sash down and push the lower sash up. This allows you to paint the inner sides of the meeting rail.

27 Before painting, make all woodworking repairs such as tightening joints with glue and clamps.

28 Before repainting enameled doors or trim, roughen up the old painted surface with 220-grit sandpaper to create a mechanical bond for the new paint.

29 Before painting apply Safe Release or Easy Mask Painter's tape to separate various areas. Once the paint is dry, pull the painter's tape away for a clean edge.

30 A time-honored OHJ technique to improve a new paint job on even severely dried out, weathered wood is to treat it with linseed oil before priming. Mix boiled linseed oil and turpentine 50/50 and liberally brush into wood. Allow it to dry for 24 hours and repeat the process. Allow three days for the oil to dry before sanding and priming.

Formaldehyde FREE

THE WORLD'S ONLY FORMALDEHYDE-FREE INSULATION. FOR PEOPLE WHO CARE.



COMFORTTHERM™
ENCAPSULATED FOR
LESS ITCH, LESS DUST

EASYFIT™
LESS CUTTING FOR
FASTER INSTALLATION

KRAFT-FACED
BUILT-IN VAPOR RETARDER

FORMALDEHYDE-FREE INSULATION. ONLY FROM JOHNS MANVILLE.

Naturally white Johns Manville Formaldehyde-free insulation insulates your family from more than just fluctuations in weather. It also shields them from concerns about indoor air quality. Which is something to think about. Because you make an insulation choice only once.

U.S. GREEN BUILDING COUNCIL MEMBER

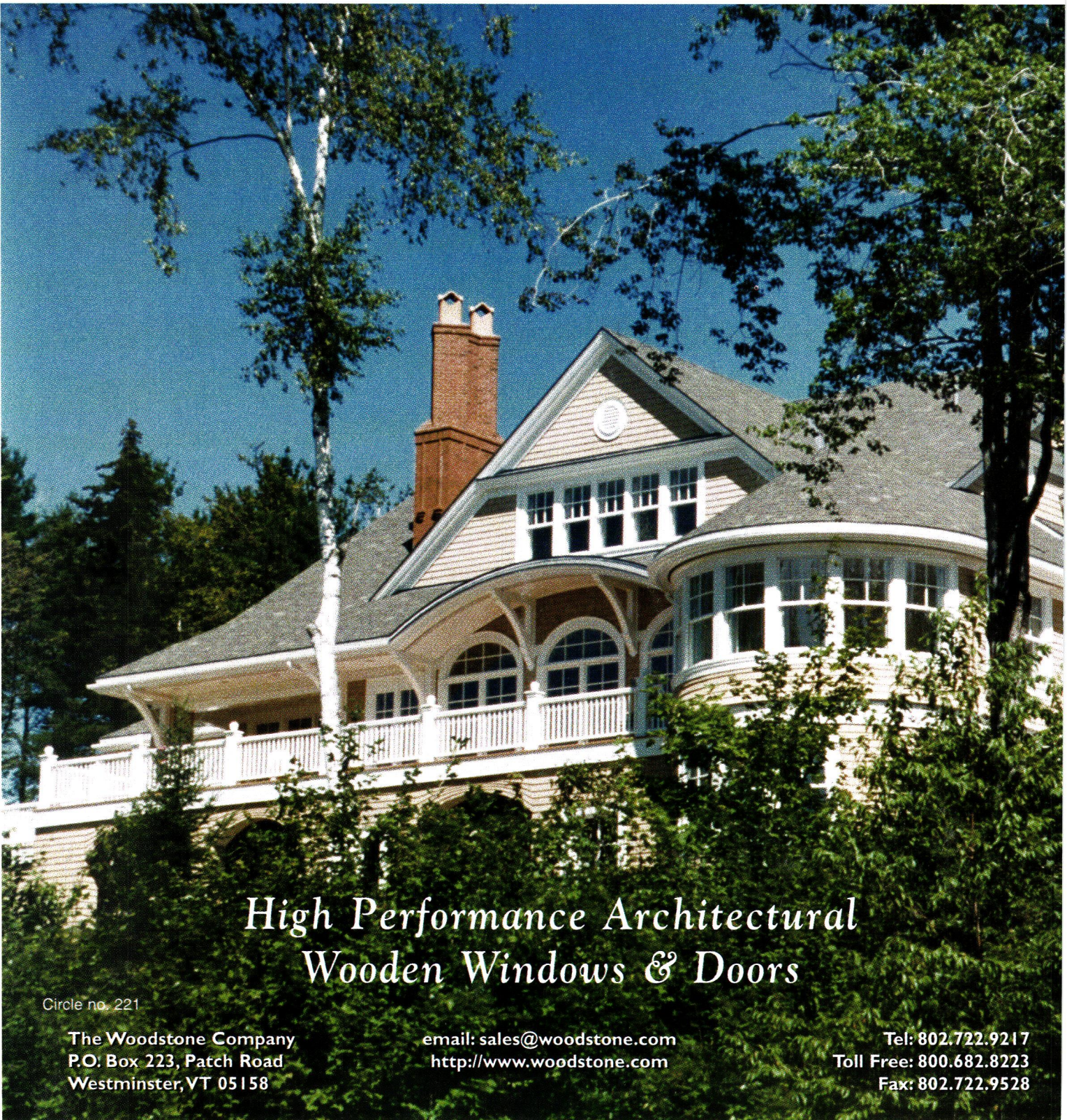
Smart Ideas. Better Insulation.



Circle no. 309

WOODSTONE®

Architectural Windows & Doors



Circle no. 221

The Woodstone Company
P.O. Box 223, Patch Road
Westminster, VT 05158

email: sales@woodstone.com
http://www.woodstone.com

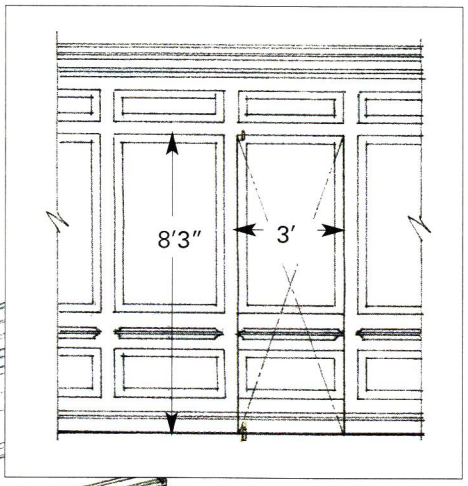
Tel: 802.722.9217
Toll Free: 800.682.8223
Fax: 802.722.9528

Secret Door

Drawings by Rob Leanna

For this special anniversary issue of OHJ we have decided to offer an offbeat but often asked-about subject: the details for building a disappearing "secret" door. Though the doors sound mysterious, they actually have a long history in classically styled interior architecture where they are sometimes employed to improve symmetry or coherence by downplaying the presence of an awkwardly placed or numbered door—a solution that is the opposite of adding a false door "to nowhere" for similar reasons. The entrance to the Oval Office at the White House is a famous example.

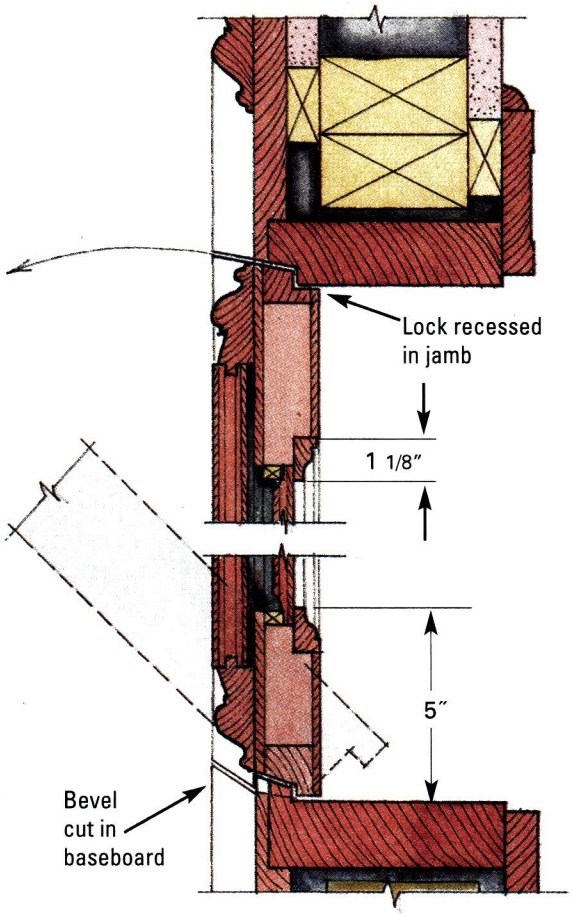
The details for the secret door shown here date to the 1920s, and while we can only speculate what its original purpose was during that speakeasy and racketeer era, we know that the woodwork would fit many Colonial or English Revival houses from that time.



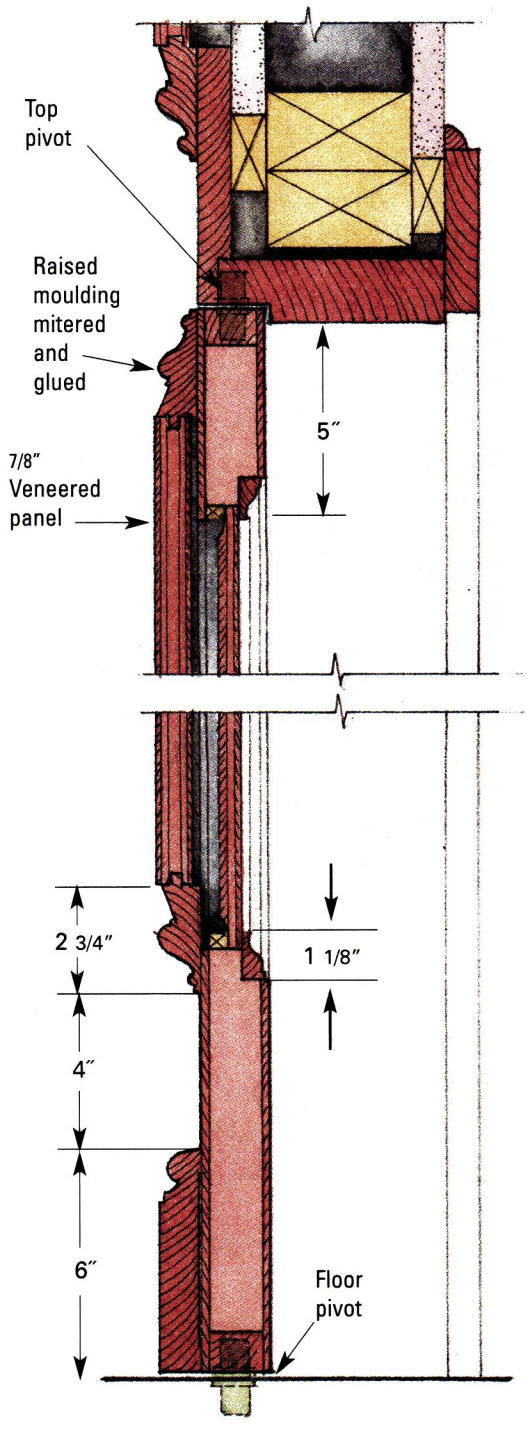


Note that the secret door itself is actually a stock core door built up with a veneered raised panel and moulding to match the room paneling. The choices of hardwood core door and working hardware (pivots and latch) are more varied today than in the '20s and are subject to the builder. The cut of the room base and door jamb depends upon the clearance required when the door opens.

SECTION THROUGH DOOR
(horizontally)



SECTION THROUGH HEAD
(vertically)



SECTION THROUGH BOTTOM

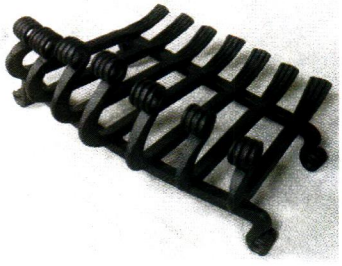




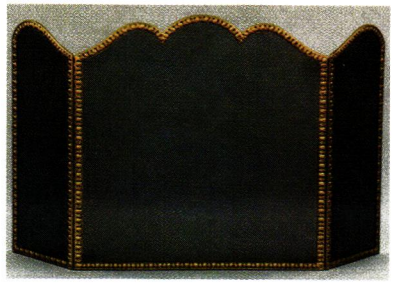
The Hearth Collection

HANDCRAFTED IN AMERICA SINCE 1957



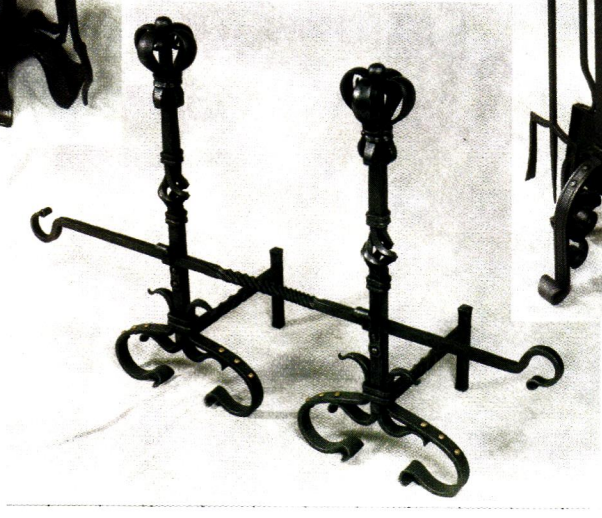
















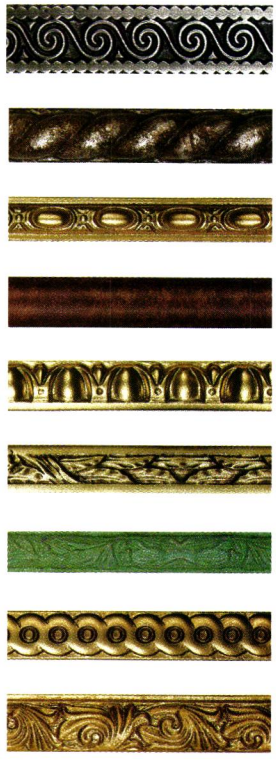




The Hearth Collection offers a wide variety of styles, from clean and contemporary to opulent antique recreations. Since 1957, we are constantly developing new ideas and design concepts to satisfy changing styles and tastes. Each piece in our collection exudes style, elegance, prosperity, confidence, graciousness and individuality.

➤ All of our products are available in a variety of colors or patinas to match other elements of your decor. There are thirty-three available finishes. All finishes have a tough, premium quality enamel coating custom formulated and baked on for protection. Different sheens (matte, velvet and gloss) are used to complement the texture and finish.

We invite you to visit our website for more information.



STONE MFG · 1636 West 135th Street · P.O. Box 1325 · Gardena, California 90249
www.hearthcollection.com · (310) 538-4912 · fax (310) 715-6090



The look of tongue & groove. The ease and economy of plywood.

Ceilings don't have to be boring. With Ply-Bead® real wood panels you get a stylish look at an equally attractive price. And the 4'x 8' panels are easier to apply than tongue & groove. They work great on ceilings as well as wainscoting in high traffic areas such as bonus rooms, basements or garages. So call today and learn how Ply-Bead panels let you have it all.

Georgia-Pacific

We make the things that make you feel at home.®

1-800-BUILD G-P, ext.200

www.gp.com/build

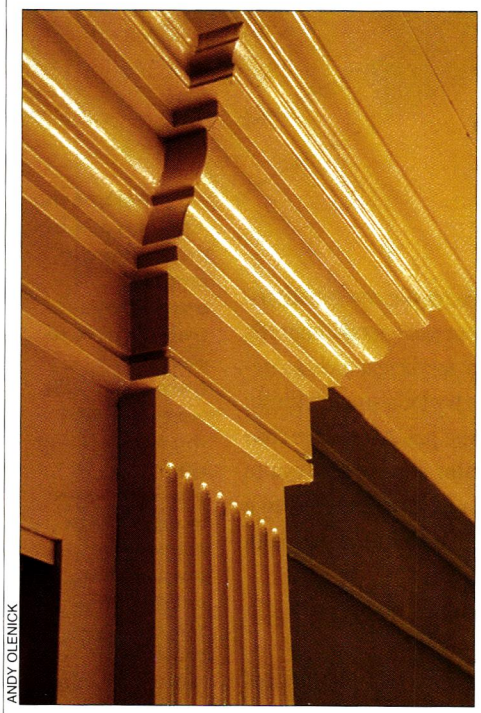
Circle no. 317

Going with the Flow

By Steve Jordan

Making water-based enamels flow like oils isn't easy, but with a few techniques and a little patience, you can achieve excellent results.

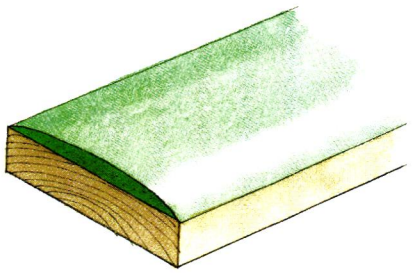
Anyone old enough to remember some of the great characteristics of oil-based enamel might recall that, besides producing a tough and durable film, it also flowed out to a satiny smooth, brush mark-free surface. This is a quality that many contemporary painters have forgotten or never knew because acrylic water-based enamels have replaced oils in most markets. Those of us learning to use the new paints—indoors and out—have often been frustrated when trying to get a smooth enamel finish on doors or trim with latex paints. Still, with a little patience, experimentation, and the right product, you can apply these paints with excellent results.

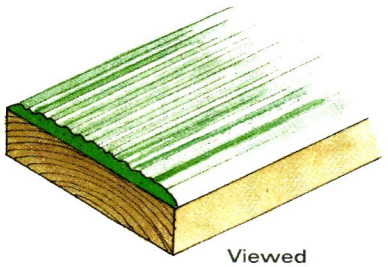


ANDY OLENICK

Developing enamel that flows out like liquid glass—avoiding the "ropy" appearance of telltale brush marks, yet not so runny that it creates sags and teardrop runs in panels—has always been a paint chemist's conundrum.

What makes an acceptably smooth finish? To exaggerate, it's the difference between glass and corduroy. Realistically, it's not seeing brush marks across a room on a door. It's not feeling brush marks while pulling your fingers across a painted finish. Today's paint manufacturers strive for a balance in products—acceptable appearance but fool-proof applicability for nonprofessional painters. Prior to the 20th century, brush marks were indicative of paint that did not have the flowing characteristics of modern paint. The visual effect of brush marks was diminished by a final swipe of a dry brush, moving with the wood grain, to even out all marks. In high-style homes with the finest quality work, such as the George Eastman House in Rochester, New York, painted trim was allowed to dry, then buffed with pumice and rottenstone. Walls were stippled with large brushes similar to shoe-shine brushes to remove brush marks.





ILLUSTRATIONS ROB LEANNA

Viewed microscopically, a shiny paint finish (top) covers the surface in a smooth, flowed-out film. In a dull, rough finish (above) the film retains furrowlike bristle marks.

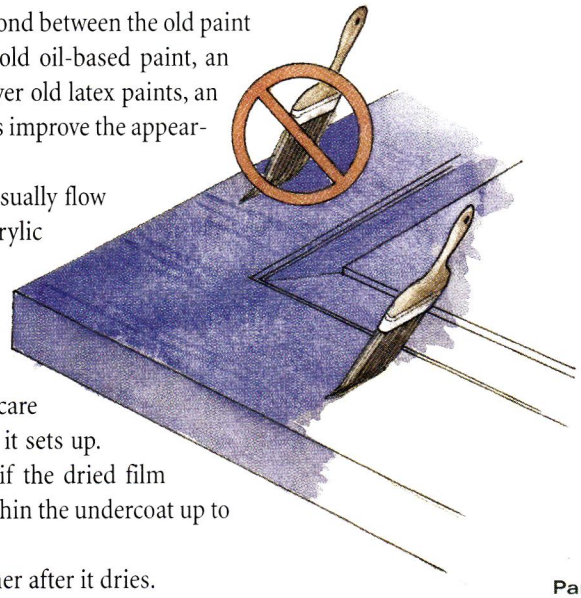
Preparing the Surface

As with any building material, some paints are better than others. If you know a good painter, ask him or her which enamels have the best flowing characteristics. I've used some products directly from the can with good results. I've also used enamels that gave unsatisfactory results after extensive experimentation. Yet paint alone is not the secret to a smooth finish—90 percent of a good job is preparation, preparation, and more preparation. Here are a few pointers:

- Never paint in direct sun or in an environment that is excessively hot or cold.
- Never paint in a dusty, dirty, or windy environment.
- Fill dents and gouges with two or three coats of Spackle or wood filler.
- Pour only the amount of paint you will use at one time in your work pot to prevent contaminating the unused paint; never pour work-pot paint back into the can.
- When painting over existing paint, the new finish will only be as smooth as the underlying finish. Sand old, oil-based finishes with 120-grit paper followed by 220-grit paper. Sand old, latex enamel finishes with 200-grit wet-or-dry sandpaper. (Latex enamel will gum up regular paper.)
- Vacuum and tack off the finish before applying paint or primer.

Undercoats are used to create a good bond between the old paint and new paint. When painting latex over old oil-based paint, an undercoat is a good idea. When painting over old latex paints, an undercoat is not necessary, but it often helps improve the appearance of the final product.

- Oil-based enamel undercoats usually flow evenly and sand to a smooth finish. Acrylic primers don't flow as well and are more difficult to sand smooth. It's your choice.
- Apply the undercoat in the direction of the wood grain and take care to smooth out all brush marks before it sets up. Acrylic primers dry quickly, so note if the dried film exhibits excessive brush marks. If so, thin the undercoat up to 10 percent.
- Sand, vacuum, and tack the primer after it dries.



Part of the technique of producing a smooth, brushstroke-free finish is to always work from the wet-edge of the paint. Never return to previous work. In addition to meticulous preparation, paint with a top-quality brush with bristles that are well-flagged (similar to split hair ends).

Applying Latex Enamel

Most quality latex enamels are 100 percent acrylic formulas or vinyl-acrylic combinations. For the best chances of durability and color retention, use only the 100 percent acrylic enamels on exterior applications. However, creating a superior finish coat with acrylic enamels sometimes means applying an extra coat or two. Here are other strategies to try for a smooth finish:

- Before beginning your paint project, experiment with the paint you have chosen on a sample board or discreet area of the room. If the paint doesn't flow out to meet your expectations, thin it with a little water—say two to four tablespoons to a pint of paint. Continue this until you get it right. Remember that thinning the paint might mean putting on extra coats to get the appropriate coverage.
- Another method of thinning paint is to drop a few ice cubes in your work pot. The ice will melt slowly and thin the paint as you work.
- Paint additives for thinning water-based paints such as Floetrol (a product of the Flood Company) are available at all paint stores. Floetrol thins the paint without making the paint excessively runny. I often use Floetrol with a little water.
- When painting a primary or important door, you'll get the best results by removing the door and laying it horizontally on sawhorses.
- On paneled doors, wainscots, or built-in furniture, don't overlap paint coats at joinery intersections—for example, where stiles and rails meet on doors. Keep a crisp line by removing overpaint with a damp rag or using painter's masking tape.
- Always work from a wet edge—that is, the "shoreline" of the just-applied paint. Never return to earlier areas. Once the paint has started to flash off (evaporate solvents), any brush marks in the sticky paint will not smooth out.
- On large, flat expanses, such as slab doors where maintaining a wet edge is difficult, use a low-nap or foam roller to lay out the paint. If preferred, quickly pull out the roller stipple with a brush.
- Plan your approach and work clean in good light. A good enamel job takes patience, but it will remind you it was worthwhile every time you see the beauty of a silky smooth paint surface.

Contributing editor and historic building specialist ***Steve Jordan*** *has been writing about finishing techniques for OHJ since 1992.*

MORE FROM OLDHOUSE JOURNAL.COM

For related stories online, see "Choosing Exterior Paint," "Looking Out for Lead Paint," and "Making Sense of Paint Strippers." Just click to "The Magazine" section, and go to the alphabetical list of recent features.

In with the old...

VINTAGE-STYLED APPLIANCES WITH BRAND NEW TECHNOLOGY



Bring your kitchen to life with distinctive vintage-styled appliances from Elmira Stove Works. Whether your decorative tastes take you to the 1850s or the 1950s, we can help you create that perfect look.



Elmira Stove Works
232 Arthur Street South, Elmira, Ontario N3B 2P2
www.elmirastoveworks.com

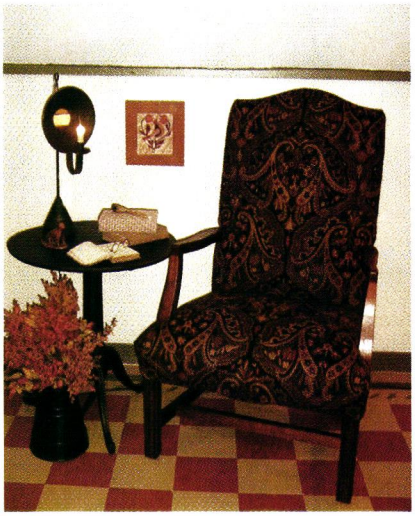
For a $5.00 information package including a 14-minute color video and the name of your closest dealer, call us at 1-800-295-8498, Ext. 3018.
Major credit cards accepted. 1950s retro refrigerators available now with matching ranges to follow in Fall 2003.

Circle no. 271

the original
With Heart & Hand
Our 20th year in business

Visit & experience Country Primitive to Country Chic
in our 8 rooms of home furnishings & decorating ideas.

Upholstered Furniture
Windsor Chairs, Tables
Lighting
Old World Pewter
Fabrics: homespun, decorator, imported crewel, toiles
Ready-Made & Custom Curtains
Rug Hooking Kits & Woolens
MB Historic Design Stencils
David T. Smith Redware
Pottery & Furniture;
crafted in Tiger Maple.





VISIT US DURING BITTERSWEET WEEKEND, OCTOBER 11-12-13
Meet Gladys Desmond, "The Itinerant Painter" demonstrating her artistry of hand painted murals and antique wall finishing.

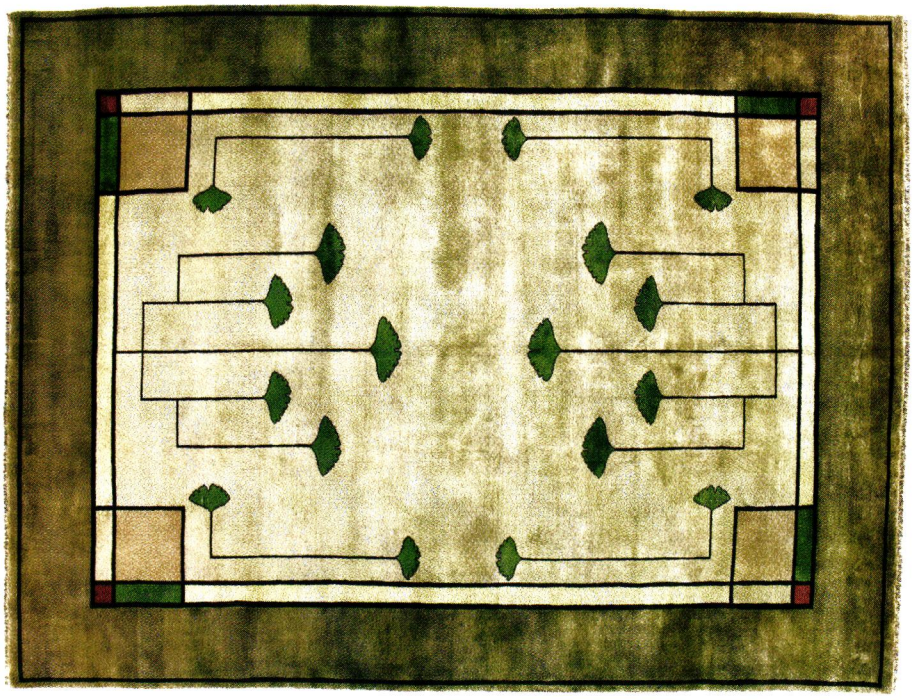
With Heart & Hand
258 Dedham Street, Rt. 1A, Norfolk, MA 02056
Phone: (508) 384-5740 Web Site: www.withheartandhand.net

We carry
Olde Century Colors

Store Hours
Mon-Sat 10-5; Sun 12-5

Directions:
I-495 to Exit 15 to Rt. 1A North

Circle no. 493



The Ginkgo
PC-21A

The PERSIAN CARPET

The most authentic and beautiful carpets in the arts & crafts tradition come from our looms to your floor.

Call us for a dealer in your area.
800.333.1801

www.artsandcraftscarpets.com

Circle no. 482

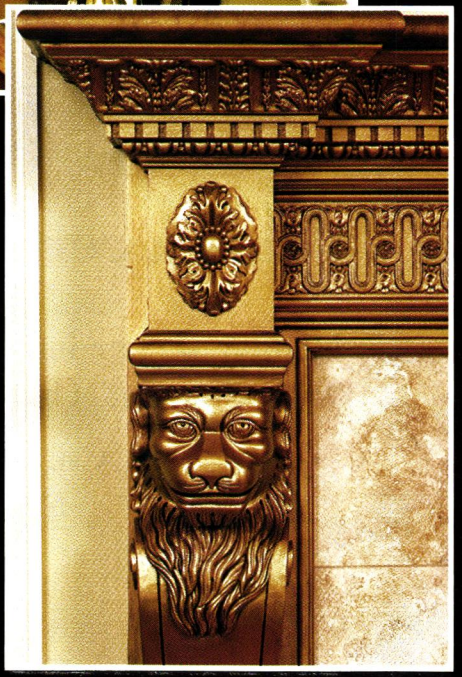
YOUR ONESOURCE

450 EMBELLISHED HARDWOOD MOULDINGS & WOODCARVINGS

Mon Reale™ • Traditional
Ornamentally Embossed
Authentic Hand-Carved
Woodcarvings™
Resins • Medallions

White River™





Classically proportioned and crafted with care, our mouldings & woodcarvings are perfect for renovation or new construction.

• EASY TO STAIN OF PAINT • INSTALL WITH STANDARD TOOLS

From Greek Revival to Victorian to Contemporary, we offer the architectural accoutrements to give your "old house" a new lease on life. Request our 168-page, color catalog or our free Product Poster and Fabulous Finishes Catalog.

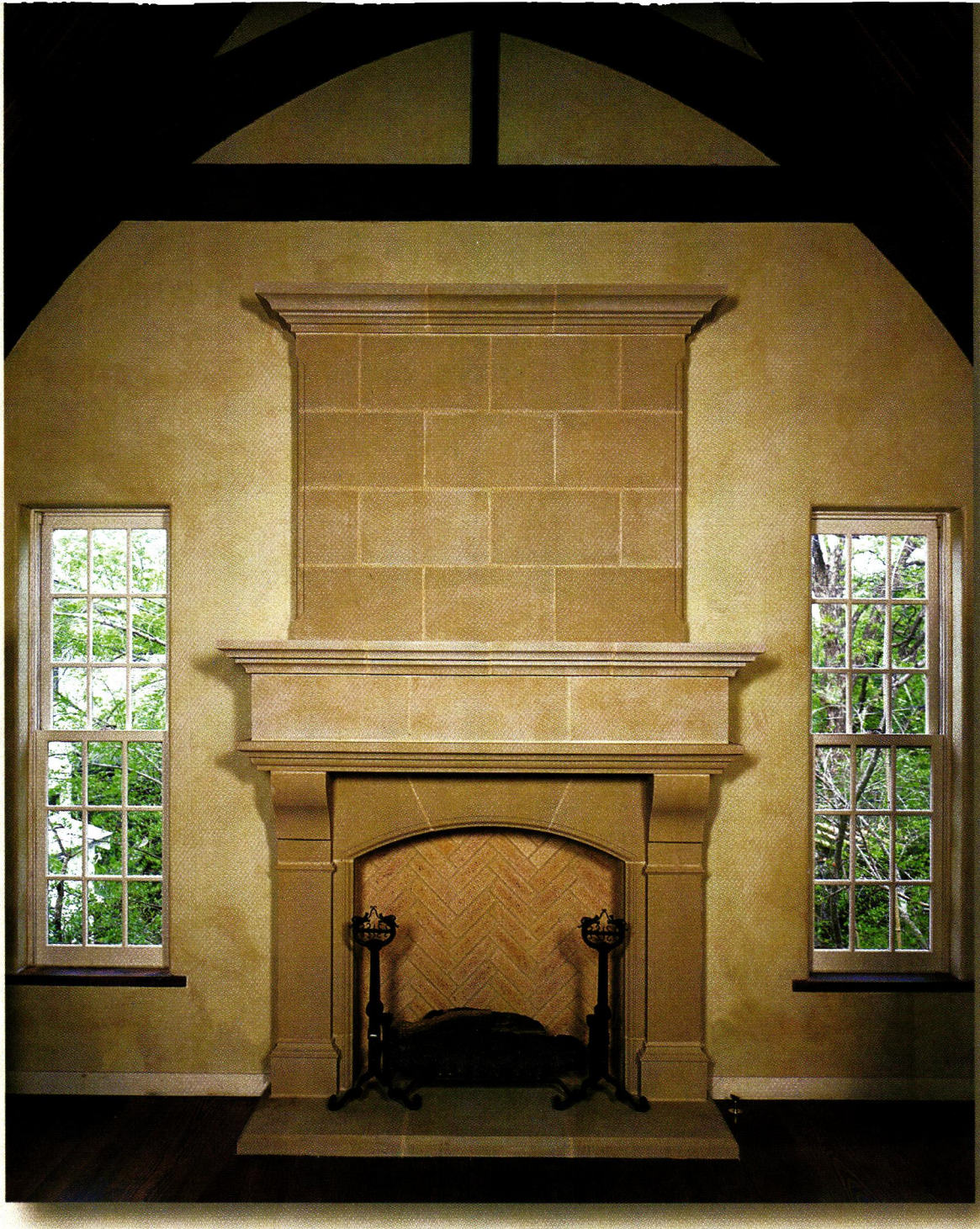
METALWOOD™ MARBLEWOOD™

IN STOCK • PROMPT SHIPMENT
Worldwide Distribution • Curve Work Our Specialty

800.558.0119

Circle no. 245

www.mouldings.com



Adds a certain warmth, don't you think?

Nothing is more important to a period renovation than the perfect mantel.
Our extensive line of fine cast stone fireplace mantels features classic old world designs.

Call or write for our free 38 page color catalog.

Old World Stoneworks™

Circle no. 486

5400 Miller • Dallas, TX 75206 • 800.600.8336
www.oldworldstoneworks.com • E-mail: info@oldworldstoneworks.com

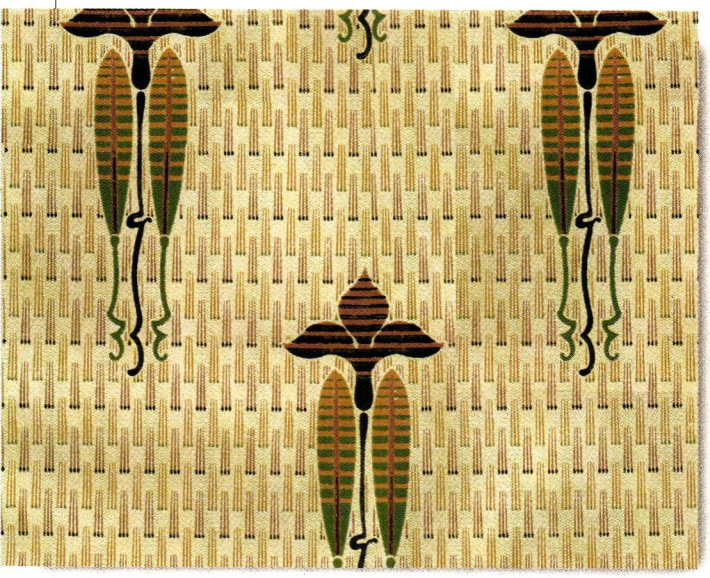
Storage Chest

Storage space is usually an issue in an old-house bathroom. Robern has found a solution to these cramped quarters with its line of PL Period wood-framed mirrored cabinets. Frame styles include "Heirloom," an egg-and-dart design reminiscent of classical styles; "Laurel," inspired by Baroque Revival; "Classic," recalling the French Renaissance style; and "Bead," drawing design inspiration from the New England cottage vernacular. The mirrored cabinets have a hidden finger pull and come in 16," 20," and 24" widths and are 30" tall. Prices range from $467 to $608. For more information call (800) 877-2376 or visit www.robern.com. Circle 1 on the resource card.



Service Station

A precursor to the kitchen island, the Victorian butler's table was an efficient work place to polish silver or garnish roasts before being brought to the dinner table. Cocopa puts a new twist on this old style. Handcrafted in vintage wood and hand-forged steel, the butler's island is 60" long and 22" wide and costs $3,975 with a soapstone top (shown) and $3,150 with a pine top. For more information call (303) 670-0684 or visit www.cocopa.com. Circle 3 on resource card.



Artsy Walls

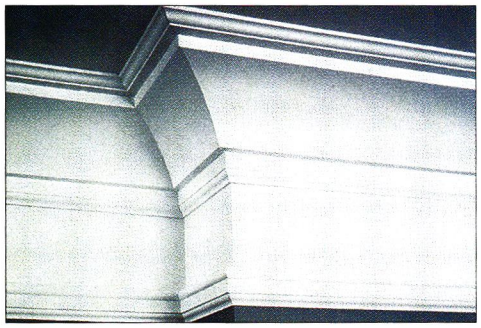
J.R Burrows, purveyor of historical wallpaper patterns, introduces "Hiawatha," a reproduction Arts & Crafts paper from early 20th-century England. Appropriate for a Foursquare or bungalow, the highly-stylized waterlily design sells for $65 a roll. For more information call (800) 347-1795 or visit www.burrows.com. Circle 2 on the resource card.





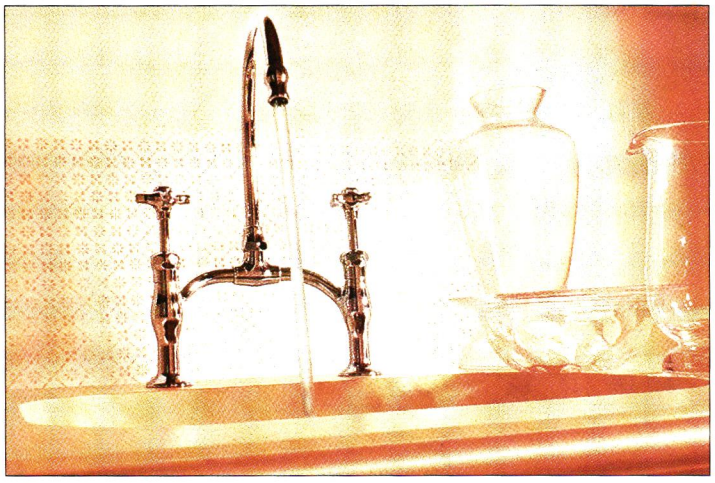
Slick Stuff

Westminster Ceramics is striving for Old-World craftsmanship with its new American Potter Collection of tiles that includes more than 3,000 items from field tiles, harlequin and embossed liners to bas-relief decoratives, trims, mouldings, color coordinated bath accessories, and arches. Thicker than most modern tiles, they come in four finishes: gloss, satin, matte, and crackle. Shown here is "Morning Shower," a selection that its designer describes as masculine but Mom might like as well. The field tiles are about $15 a square foot. To see more, visit www.westminsterceramics.com. Circle 4 on the resource card.



Revival Repros

Reproduced from architect Asher Benjamin's pattern books of the early 1800s, this Greek Revival crown moulding from WindsorOne uses an elliptical radius and simple beading to create subtle shadow lines. The price of this two-piece crown set is estimated at $2.75 per lineal foot. Contact WindsorOne at (888) 229-7900 or visit www.windsorone.com. Circle 5 on the resource card.



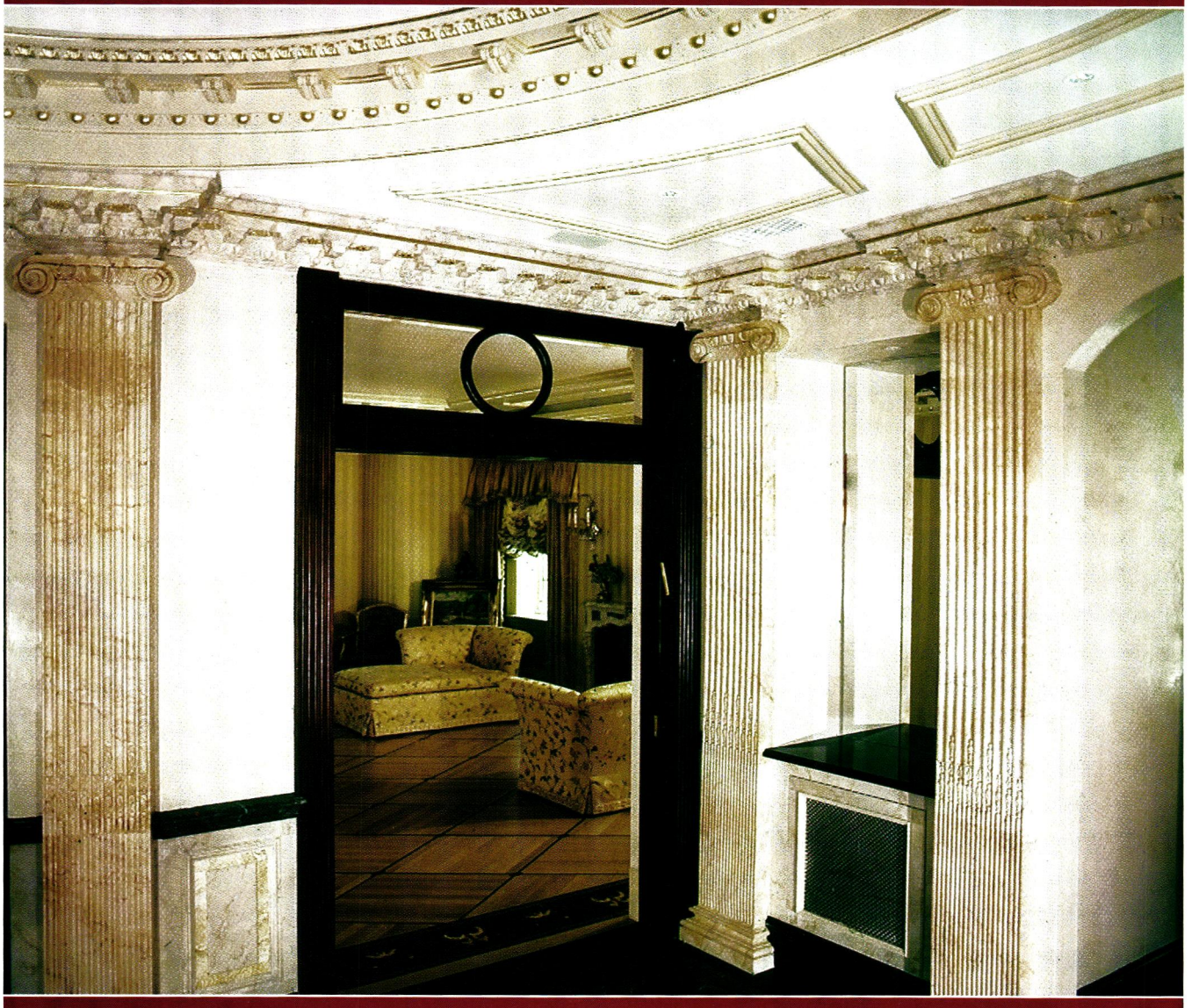
Bridging the Past

The 130-year-old Switzerland-based company KWC reintroduces its 1922 faucet-bridge design, which won an award at the 1937 World Exhibition in Paris. The addition of state-of-the-art ceramic disk valves is the only change made to the original design. The faucet is offered in chrome or brushed nickel in both 8", 9", 10", and 11" spout lengths and retails between $670 to $940 depending on the size. For more information call (877) 592-3287 or visit www.kwcfaucets.com. Circle 6 on the resource card.

HYDE PARK

Fine Art of Mouldings, Inc.

YOUR SINGLE SOURCE FOR ARCHITECTURAL AND ORNAMENTAL PLASTER.



Custom & Stock Mouldings
Crown Mouldings
Cove Mouldings
Frieze Mouldings
Ceiling Systems
Columns & Capitals
and more...
Commercial & Residential

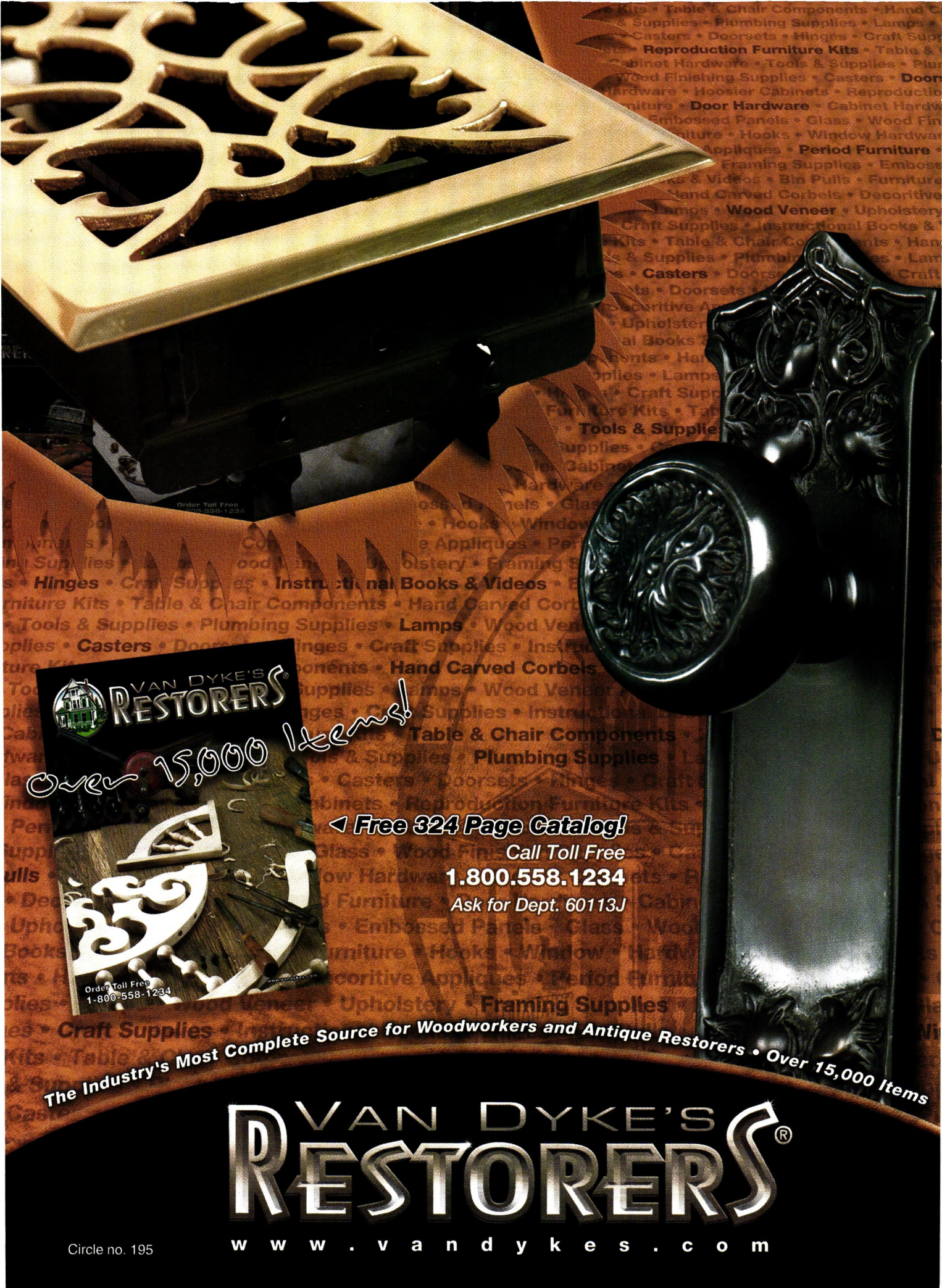
HYDE PARK maintains one of the most extensive libraries of mouldings in the world today, to meet all of your decorative, classical and architectural requirements. All of our decorative plaster mouldings are hand-cast with an unwavering attention to detail and design. In addition we excel in all types of restoration and are recognized by the leading restoration and landmark houses in America.

Showroom & Design Center
29-16 40th Ave.
Long Island City, NY 11101

Tel: 718.706.0504
Fax: 718.706.0507

www.hyde-park.com
info@hyde-park.com

Circle no. 584



Circle no. 195

New Horizons in Historic Preservation

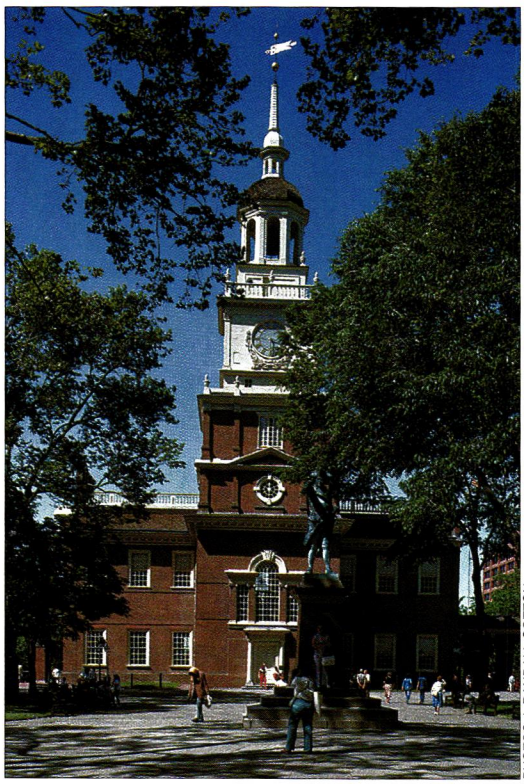
By J. Randall Cotton

No longer is historic preservation about the oldest or best.

Once upon a time, historic preservation meant saving the houses of the rich and famous, and that was about it. Today the practice of historic preservation encompasses much more: in the 21st century it's community revitalization, the adaptive reuse of abandoned buildings, an effective "smart-growth" strategy, economic development, heritage tourism, the protection of cultural landscapes, and restoring that old house with which you've fallen in love. As Old-House Journal celebrates its 30th anniversary, it's useful to review where historic preservation has come from and where it's headed.

Historic Historic Preservation

One of the first efforts in this country to preserve a historic site was the 1853 campaign to purchase and restore Mount Vernon. That early preservation model continued into the early 20th century as private groups—mostly community based and usually comprised of women, such as the local chapters of the D.A.R. and Junior League—restored the houses of our presidents or other historical icons. Paul Revere's house, restored in 1905, is a good example.



PHOTOS J. RANDALL COTTON

Independence Hall is an early example of a historic building as icon. It was rescued from possible demolition in 1816 when the Commonwealth of Pennsylvania sold the building to the city of Philadelphia.

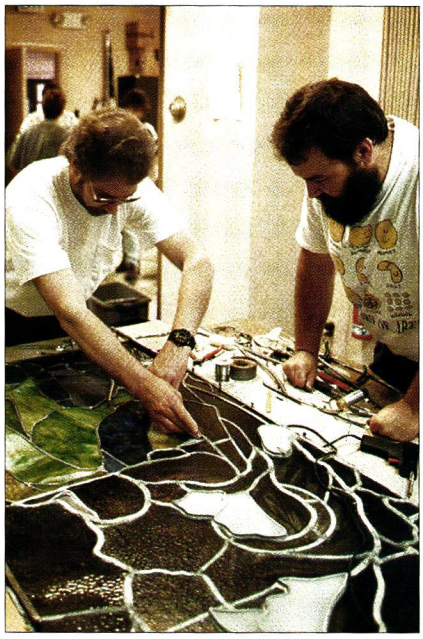
The preservation movement has grown beyond single-mission campaigns since then. During the 1920s and '30s both local and federal agencies and legislation were established to identify and protect the country's historic resources. In 1924 New Orleans created the nation's first historic commission; in 1931 the first historic-district ordinance was passed in Charlestown, South Carolina. The restoration of an entire area (Williamsburg, Virginia) began in 1926. The Historic American Buildings Survey began during the Great Depression (see Downtowner, page 125). The National Trust for Historic Preservation was chartered in 1949.

Congress gave federal and state governments a role in historic preservation with the passage of the National Historic Preservation Act in 1966. The U.S. Bicentennial in 1976 saw a national reawakening of all things historic. That year the first major tax-incentive program, part of the Tax Reform Act, provided financial impetus for the eventual restoration and adaptive reuse of tens of thousands of historic buildings by the private sector.

Preservation Proliferates

When Old-House Journal first appeared in 1973 it was partly a response to a growing segment of homeowners who loved old houses but they lacked the know-how of building restoration methods and architectural background and the "know-where" to finding historically appropriate products and services. Thirty years later, in addition to OHJ, there are now a host of popular TV shows and publications supplying everything from initiation to aphrodisiacs in support of America's continued love affair with old houses. What's the future for historic preservation? Here are some trends I see:

- Our definition of what's historic will continue to broaden. OHJ has been a forerunner in bringing understanding and appreciation to the residential styles of 20th century.



Hands-on training like this workshop in historic stained-glass restoration is sustaining and expanding traditional crafts.

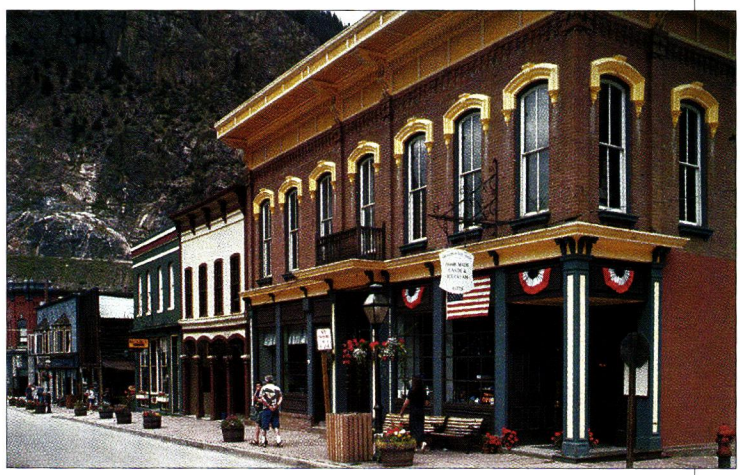
Soon we will fawn over 1950s ranch houses and post-war developments like Levittown in New York. Los Angeles recently designated a mobile-home park as historic, and the National Register of Historic Places added a "historic" post-war landfill dump. The range of the built environment—from the places that embody popular culture (think Graceland), to working-class tenement houses, to atomic-age relics (such as Nike-missile silos now being converted to houses)—will be seen as worthy of preservation.

● The burgeoning restoration industry will expand. Phrases like, "They just don't make that anymore," or "You can't find people who do that work today," will disappear. Trade schools with restoration curricula and college historic-preservation programs will continue to proliferate. It won't be long before restoration products for the mid 20th-century modern era will find a market.

● We'll see the value of preserving entire historic environments as more cost-effective than isolated buildings. With neighborhoods, heritage "corridors," and cultural landscapes, the whole is greater than the sum of the parts. There will be more emphasis on conserving, for example, the agricultural landscapes of historic farmsteads or the traditional mixed uses—mom-and-pop corner stores and neighborhood schools—in a historic residential community.

● Historic preservation will become more cross-disciplinary, and it will play crucial roles in the environmental movement, "smart-growth" initiatives and policies, and urban, rural, and regional planning efforts. Along with open-space conservation efforts, historic preservation will become a cost-effective alternative to the sprawl that is devouring this country's rural and exurban environments. Reinvesting public and private dollars to our existing traditional communities—often located in older city neighborhoods or so-called first-ring suburbs—will help redirect growth away from the wastefulness, inefficiencies, and "characterless-ness" of sprawling new development. Traditional, older communities, with their built-in advantages, will become hotbeds of restoration and historic preservation activities.

Historic preservation will be more widely appreciated for the economic development, such as heritage tourism, it provides bringing jobs, people, and investment back to communities like the gold-rush town of Georgetown, Colorado.

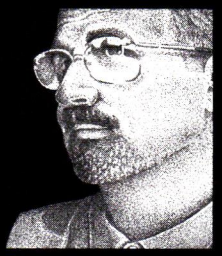


● Preservationists will become more sophisticated as advocates. The "us-versus-them" battles, though necessary at times, will be replaced by proactive and savvy preservation activism that partners with local government, civic groups, businesses, and real-estate developers.

For these trends to continue, we will need to promote historic preservation as a civic value that improves our quality of life, stimulates local economies, provides preservation incentives to developers and homesteaders, reins in unmanaged growth, and offers the public a more accurate portrayal of our diverse American history.

J. Randall Cotton *is associate director of the Preservation Alliance for Greater Philadelphia and an OHJ contributor since 1984.*

From the Ultimate Bungalow to the Sears Kit Home.

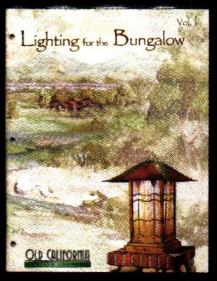


"To our customer, craftsmanship is not determinned by size."

Tom Richard
President

Whether your building a 10,000 square foot Ultimate Bungalow or remodeling a 1200 square foot Sears Kit Home, each project demands the same expert craftsmanship and attention to detail.

At Old California Lantern, we make the same commitment when designing and manufacturing our bungalow lighting fixtures. Each fixture we make is built with the same quality materials and craftsmanship, no matter the size or price.



Contact us to receive our new 68 page catalog, "Lighting for the Bungalow." Choose a style and size from over 370 lighting fixtures to perfectly complement your style of home.

OLD CALIFORNIA
LANTERN COMPANY

"Where History and Architecture Come to Light"

975 N. Enterprise Street Orange, CA 92867

The beauty and style of the David B. Gamble house, Pasadena, California, is carefully reproduced in the 130 Westmoreland Place Series. Model 6-134 features New Verde finish and Gamble glass panels. For more information, call us at 1-800-577-6679 or see us on the web at www.oldcalifornia.com.

Circle no. 404

We make installing a spiral straightforward.

Metal Spirals
from
$425

Features:
- Steel Construction
- Landing & Rails
- All Required Hardware
- Install Manual & Video

Options:
- Any Floor-to-Floor Height
- Diameters 3'6" to 7'0"
- BOCA/UBC Code Models
- Custom Welded Units
- Aluminum Construction
- Hot Dipped Galvanizing

-- Many More Available --

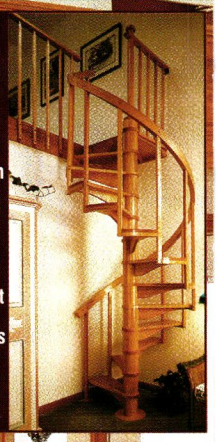


Oak Spirals
from
$1575

Features:
- All Red Oak Construction
- Landing & Rails
- All Required Hardware
- Install Manual & Video

Options:
- Any Floor-to-Floor Height
- Diameters 4'0" to 6'0"
- BOCA/UBC Code Models
- Turned Spindles
- Solid Oak Handrails
- Finger Groove Rails

-- Many More Available --



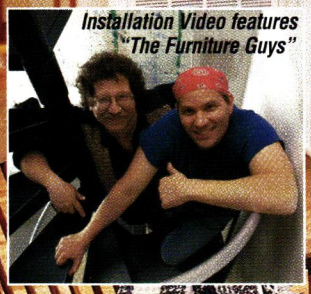
Victorian One®
from
$3300

Features:
- Cast Aluminum Construction
- Landing & Rails
- All Required Hardware
- Installation Manual

Options:
- Any Floor-to-Floor Height
- Diameters 4'0" to 6'0"
- BOCA/UBC Code Models
- Brass Handrails
- Cast Scroll Tread Ends
- "Antique" Baked Finish

-- Many More Available --





Installation Video features "The Furniture Guys"

The best selection, quality, and prices!

Since 1931, The Iron Shop has enjoyed a reputation for outstanding design and fabrication of custom built spiral stairs. Today, we utilize computer-aided technology throughout our production process to guarantee that each stair meets exacting standards—successfully mixing state-of-the-art manufacturing with Old World quality.

Offering the largest selection, highest quality, and lowest prices in spiral stairs—we make sure that you get the right spiral to meet your needs. This has made The Iron Shop the leading manufacturer of spiral stair kits, with over 100,000 satisfied customers worldwide. And our spirals are still made with pride in the U.S.A.

Call for the FREE color Catalog & Price List:
1-800-523-7427 Ask for Ext. OHJ
or visit our Web Site at www.TheIronShop.com/OHJ

Main Plant & Showroom: Dept. OHJ, P.O. Box 547, 400 Reed Road, Broomall, PA 19008
Showrooms / Warehouses: Ontario, CA • Sarasota, FL • Houston, TX • Chicago, IL • Stamford, CT

THE IRON SHOP®

The Leading Manufacturer of Spiral Stair Kits®

"The Furniture Guys" is a registered trademark belonging to Ed Feldman and Joe L'Erario

©2002 The Iron Shop

A Short Lawn Tale

Golf-course textured yards are a (relatively) new invention.

By D. Keith Crotz

Trying to concoct an appropriate front garden for a house that's 150 years old or so? The good news is that you may never need to buy another lawnmower. When I started to collect old horticultural volumes 20 years ago, I was first puzzled by the landscapes I saw in them—no foundation plantings, and only rarely what we would think of today as a lawn. The surrounding "grass" was green all right, but it consisted of many different groundcovers. And it wasn't smooth. You walked on worn footpaths to keep from stepping in manure (superphosphate fertilizers didn't become common until the 1880s). It soon became apparent to me how much technology had shaped the early American landscape.



Above: In the early 1800s, this would have been a typical lawnmower, which left huge lumps in the lawn. Below: Later that century, trade cards such as this showed lawnmowers being used by women and children.

Prior to 1826 if you wanted a lawn, you needed wandering sheep or a flock of gardeners armed with scythes. The lawn as a foreground to the estate was not cut weekly but perhaps monthly with the newest invention, the sickle bar mower. This heavy cutter left windrows in the growing surface from its iron wheels and the hooves of the horse that powered it.



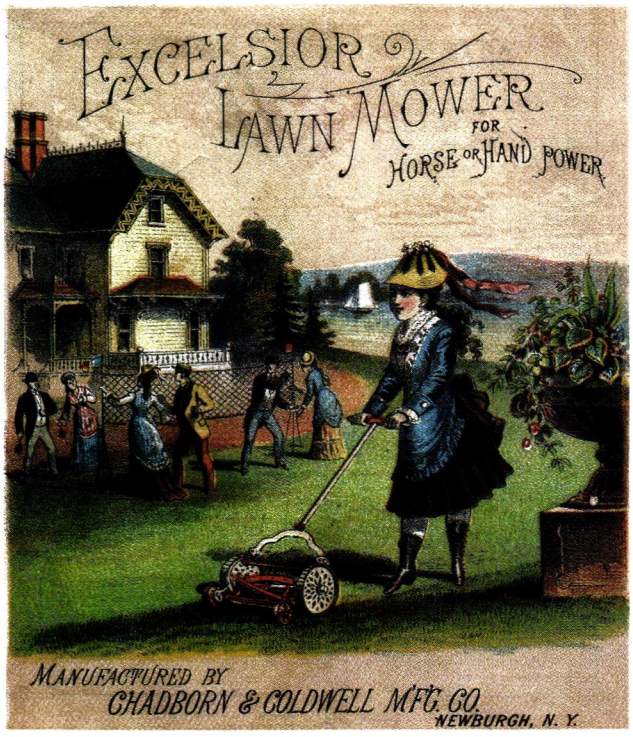
ALL PHOTOS AMERICAN BOTANIST EXCEPT WHERE NOTED

The earliest "mower" that didn't involve horses was the scythe. You could fine-tune the garden a bit more, but it took a lot of energy, so for a garden of any size it was generally employed by those who could afford an army of workers.

Books by tastemakers like Alexander Jackson Downing showed houses surrounded by English-style swards, but most homeowners couldn't hope to create a well-manicured surface until 1830 when Edward Budding, an English textile-mill engineer, produced the first reel-type mower. Even then, these mowers were employed exclusively in England until 1855 when Henry Winthrop Sargent imported the first one.

The exercise that treadmills provide today is nothing compared to these babies, which had a cutting width of 12″ and weighed 150 pounds. For the small landholder, these machines would provide a neat, even surface. Owners of larger estates, however, had to choose devices that still left lumpy greenery and potential sprained ankles. An estate-sized monster would typically have a 42″ cutting width and require a horse to pull it. The mansion-sized version, three and a half times wider in its cut, weighed almost 500 pounds. Imagine the divots a horse would create when starting out! Curvilinear designs were crucial because the turning radius was immense.

The U.S. Patent Office issued 38 patents for lawnmowers between 1868 and 1873. The patents were given primarily to inventors in New England and the Mid-Atlantic. By 1880, there had been 138 patents issued, but only about one-half of one percent of American households owned a mower. They were still a toy for



WARSHAW COLLECTION, ARCHIVES CENTER, SMITHSONIAN INSTITUTION

the wealthy in a small stretch of the nation from the Northeast to Illinois. By the end of the 1890s hand-powered lawnmowers had become lighter and more maneuverable, allowing more homeowners to establish a patch of green around a few small blooming specimen plants sprinkled about the homestead. Mail-order catalogs like Peter Hendersen's pushed the sale of mowers and other lawn-related equipment. The Sears, Roebuck catalog offered eight models by the turn of the century. The models ranged in price from $2.40 to $4.54, according to Virginia Scott Jenkins' *The Lawn: A History of An American Obsession.*

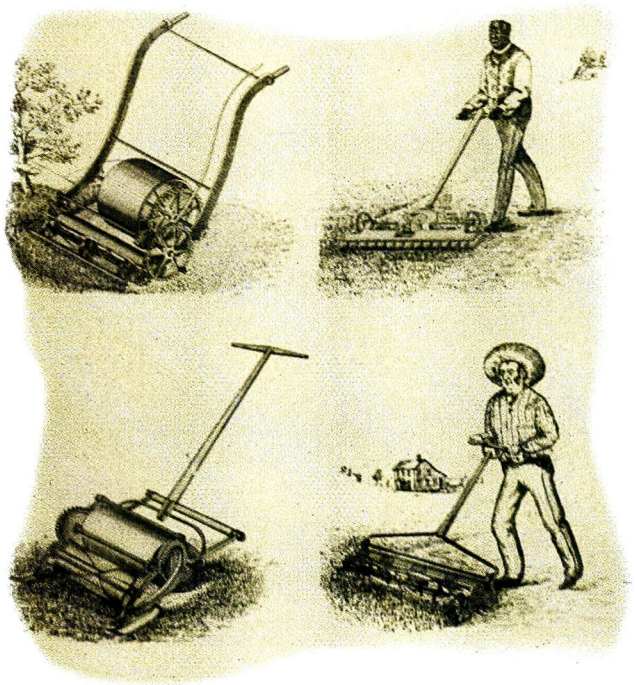
In 1902 the lawnmower received a boost from the internal combustion engine. Edwin George, a Detroit real estate speculator and industrialist, attached the gasoline engine to a reel-type mower, which left the user less exhausted in creating an even, green surface. Lawns could now receive a routine trim at a moment's notice. No harnessing the power to the mower, just pour in some fuel, prime the carburetor, and off you went. The weight of the wheels and roller required you to cut in two opposite directions to prevent matting of the surface the wheels passed over, and people were soon creating patterns in their newly cut yards. Grass seed for lawns became a popular addition to the seed catalogs of the early 20th century.



This image, from an 1869 gardening calendar, may have been a bit unrealistic in its depiction of the formally dressed mother and children gardening while the servants looked on, but the technology level was probably on target.

The quest for the perfect green monoculture had begun, and it would require a lot of water. The timing couldn't have been more fortuitous. By 1860 most American cities had some form of municipal system that moved the water from a storage tower or other source through an array of lead, wood, or cast-iron pipes. Gardeners could now spew streams of water on the lawn or thirsty bedding plants without hauling buckets from a well.

The water company that serves my own metropolitan environs used a steam engine to pump water to the surrounding villages as late as 1883. Such power-driven pumping stations delivered water under pressure and pumps were replaced by spigots. The pressure was not always sufficient to reach large areas, but water could be delivered with less toil and in greater volume. The first lawn-sprinkler patent was issued in 1871, and seed catalogs of the 1880s were filled with rubber garden hoses, nozzles, and reels for keeping the new contraption organized. The catalogs also carried sprinklers in an array of fanciful designs.

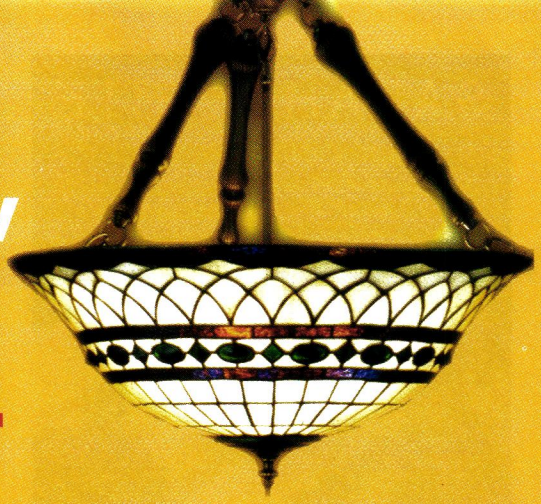


The Growth of Industrial Art, published in 1892, depicted the evolution of the lawnmower during the previous few years. But at that point it was clear that smooth lawns were limited to the wealthy.

Today, noise pollution from mowers and blowers, drought, and other environmental concerns are leading landscape gurus of the 21st century to encourage a reduction in the size of our lawns. Those who do go back to a somewhat wilder look will, intentionally or not, create the perfect surroundings for a 19th-century house.

D. Keith Crozt *is an antiquarian bookseller and publisher of* The American Botanist Press *in Chillicothe, Illinois.*

An OLD HOUSE is being restored. A New House is being built in a Traditional Style.

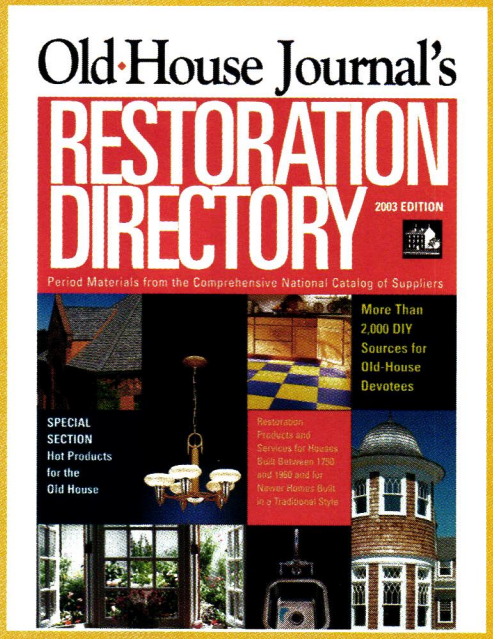


You need

Old-House Journal's Restoration Directory

Your search is over. You don't need to spend days tracking down the right product source — and you don't have to settle for ordinary solutions. The editors of Old-House Journal have taken the pain out of finding unique restoration products and services.

Old-House Journal's Restoration Directory is a comprehensive directory of suppliers who make everything from parquet flooring and hand-operated dumb waiters to Empire sofas and Craftsman hardware. You'll find nearly 2,000 suppliers of bathroom fixtures and faucets, building materials, lighting, decorative accessories, furnishings of all types and styles, and a whole lot more.



Now On Sale

$14.95 at major bookstores, newsstands, and specialty retailers nationwide.
To order by phone, call 202.339.0744.

Where To Find Hard-To-Find Stuff

RESTORE MEDIA, LLC

The Original Restoration Magazine
Old·House Journal

SARAH WHITE
BEDCLOTHES
127 West Putnam Ave. Greenwich Connecitcut 06830
203.869.4898 sarah@sarahwhite.org



Circle no. 491

EVEN THE FINEST GARAGE DOORS ACCESSORIZE

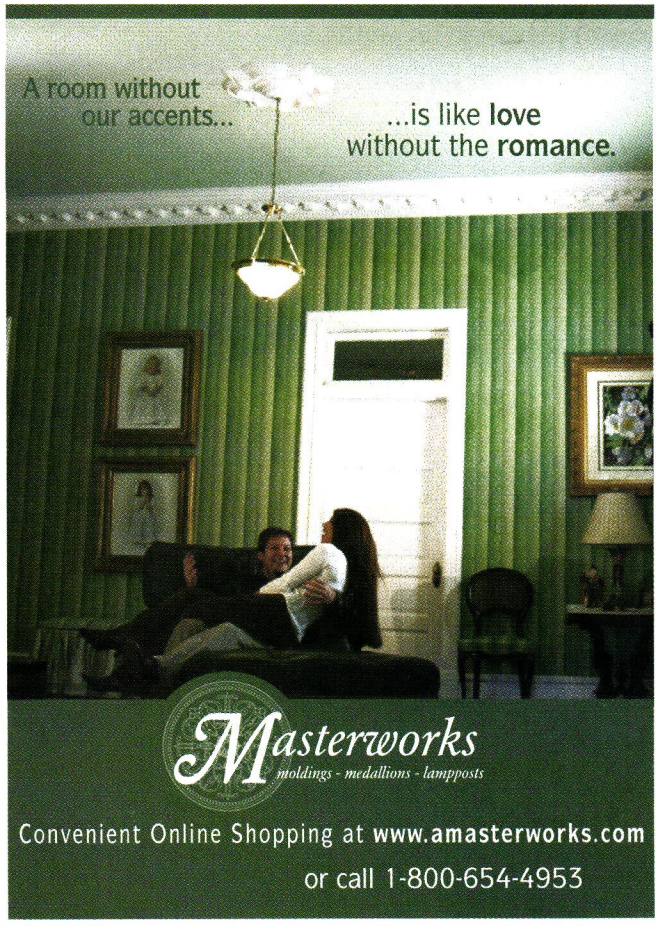


Note: Full line of decorative hardware available

MATCHING WOOD GARAGE AND WALK-THROUGH DOORS
OVERHEAD OPERATION
CUSTOM AND STANDARD DESIGNS
1 800 241 0525
www.designerdoors.com

DESIGNER DOORS℠
PIONEERING POSSIBILITIES

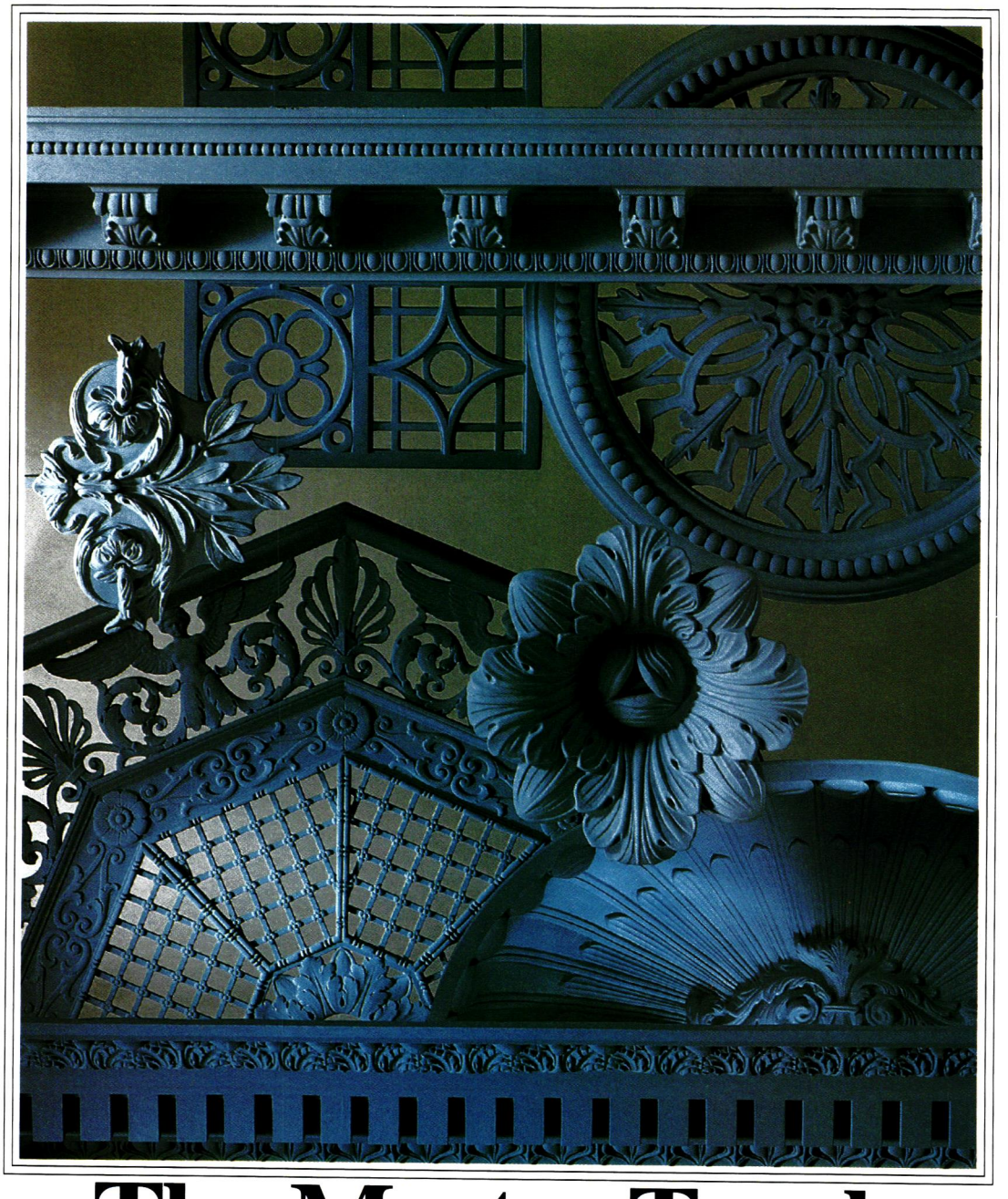
Circle no. 144



Circle no. 475



Circle no. 214



The Master Touch

Artistic --- Authentic --- Affordable

For more than a century, designers and architects have enriched their projects with accent elements created by
THE DECORATORS SUPPLY CORPORATION.
Today we offer replicas of some fifteen thousand original designs, produced in varied materials readily installed by tradespeople or do-it-yourselfers. Whether you are involved with period restoration, remodeling or a new-building project we can help you add the distinctive Master Touch.

For further information call (773) 847-6300
or Fax: (773) 847-6357.

Or send $30.00 for our five book set of copiously illustrated catalogs, useful resources which will help you create new dimensions of beauty.

THE DECORATORS SUPPLY CORPORATION

Providing Architects and Decorators Fine Detailed Replicas of Exquisite Hand Carvings for Over a Century

3610 SOUTH MORGAN—CHICAGO, ILLINOIS 60609—PH: (773) 847-6300 FAX: (773) 847-6357 www.decoratorssupply.com

Circle no. 110

OIL RUBBED BRONZE · SATIN & POLISHED GOLD · POLISHED & ANTIQUE BRONZE · POLISHED BRASS · SATIN NICKEL
ANTIQUE SILVER · SATIN & ANTIQUE COPPER · SATIN BRONZE
ANTIQUE NICKEL · BRUSHED & POLISHED CHROME · SATIN BRONZE



Antique Hardware Restoration

Restoring a home can be a challenge. Finding someone to restore your antique door hardware and fixtures can be close to impossible. *Al Bar-Wilmette Platers is your solution.*

Our company was founded in 1923 with one goal – the quality restoration and preservation of silver and antique hardware for future generations. We have continued this tradition of excellence for decades.

Today, we continue to improve and create new finishes for metal restoration and preservation through blending historical techniques with today's technology. We even have an extensive collection of salvage door hardware to replace any missing pieces.

We are proud to offer you a 100% guarantee. If you are not completely satisfied with the look of your hardware, we will refund the original restoration cost. We are as committed to customer service as we are our craft.

For a FREE brochure detailing the products and services provided by Al-Bar Wilmette Platers, call 800-300-6762 or visit our website at www.albarwillmette.com.

Al Bar Wilmette
PLATERS

127 Green Bay Road · Wilmette Illinois 60091
Ph: 847-251-0187 · Fx: 847-251-0281 · E-mail: info@albarwilmette.com

Circle no. 114

SATIN & ANTIQUE BRASS · BRIGHT NICKEL · SATIN NICKEL · BUTLER BRASS · PEWTER FINISHES · SATIN BRONZE

Wohners Inc

Architectural Wood Products



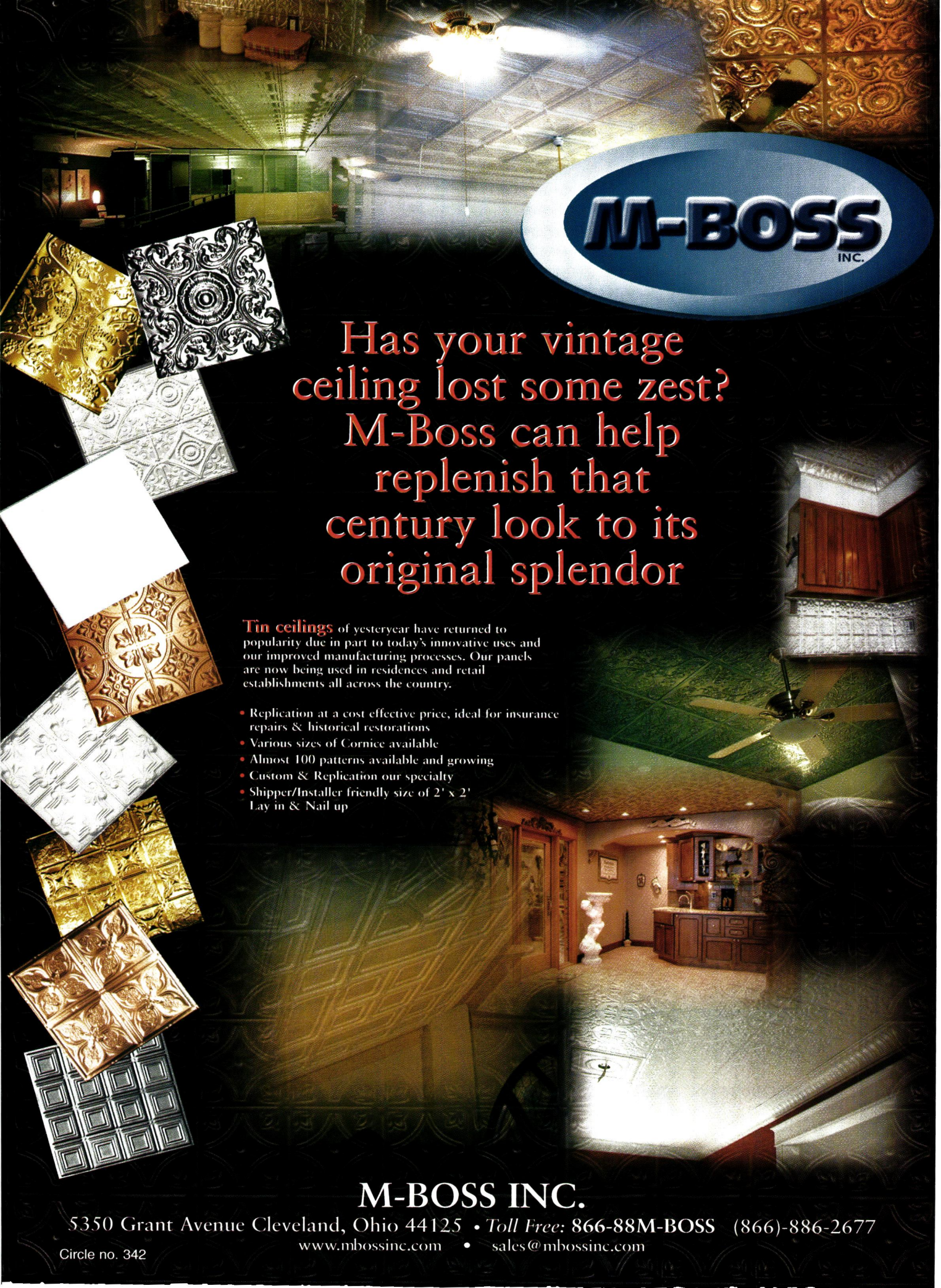


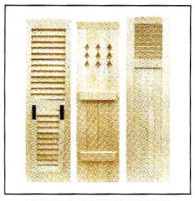
29 Bergen Street
Englewood, NJ 07631
showroom 21 N. Dean St
ph 201-568-7307
fax 201-568-7415
www.WOHNERS.COM

Manufacturers of carved fireplace mantels, corbels, onlays, mouldings and other architectural works in the finest tradition, since 1909. Exceptional detail and design are the hallmark of our products. Many pieces are now available from our huge inventory for immediate delivery. Custom designs also welcome. See our extensive website for more information and hundreds of photos and ideas.

Print catalog available for $5.00.

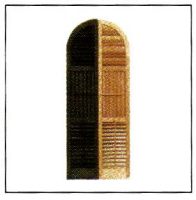
Circle no. 179


M-BOSS
INC.
Has your vintage ceiling lost some zest? M-Boss can help replenish that century look to its original splendor
Tin ceilings of yesteryear have returned to popularity due in part to today's innovative uses and our improved manufacturing processes. Our panels are now being used in residences and retail establishments all across the country.
• Replication at a cost effective price, ideal for insurance repairs & historical restorations
• Various sizes of Cornice available
• Almost 100 patterns available and growing
• Custom & Replication our specialty
• Shipper/Installer friendly size of 2' x 2' Lay in & Nail up
M-BOSS INC.
5350 Grant Avenue Cleveland, Ohio 44125 • Toll Free: 866-88M-BOSS (866)-886-2677
www.mbossinc.com • sales@mbossinc.com
Circle no. 342


EUROPEAN SHUTTERS


FOLDING SCREENS


CLOSET DOORS


HISTORIC REPRODUCTIONS

"With Kestrel's authentic pegged mortise and tenon joints, you're guaranteed a shutter's cornerstone of integrity."



Custom Sizing
New Standard Sizing
Shutter Hardware
Interior & Exterior
Custom Applications
Historical
Reproductions



KESTREL SHUTTERS

#9 East Race Point, Stowe, PA 19464 • (800) 494-4321
Fax: (610) 326-6779 • E mail: sales@diyshutters.com • www.diyshutters.com

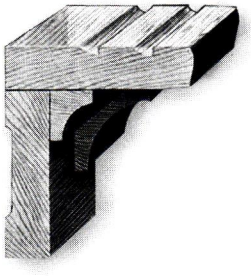
Circle no. 390

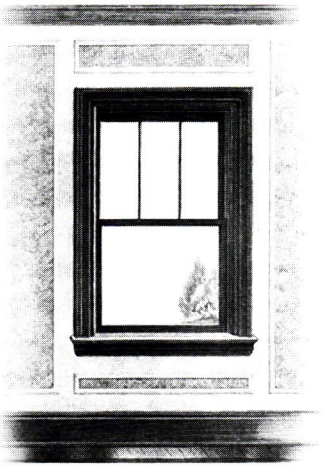
HULL HISTORICAL MILLWORK

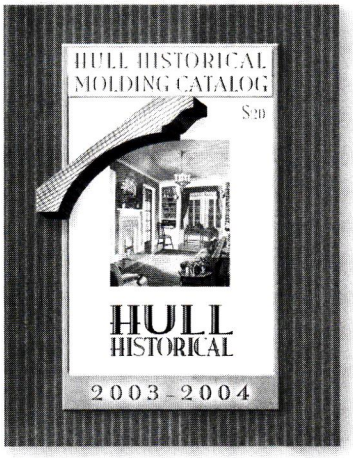
Because we never take time for granted. Period.

Now own the catalog of over 350 historical moldings, catalogued and dated by the experts at Hull Historical. This collection is unique and definitive, compiling the most popular moldings from 1870-1940 ~ the Golden Age of American Millwork.









Victorian
1870-1915
Rosettes, Plinths, Casings and More

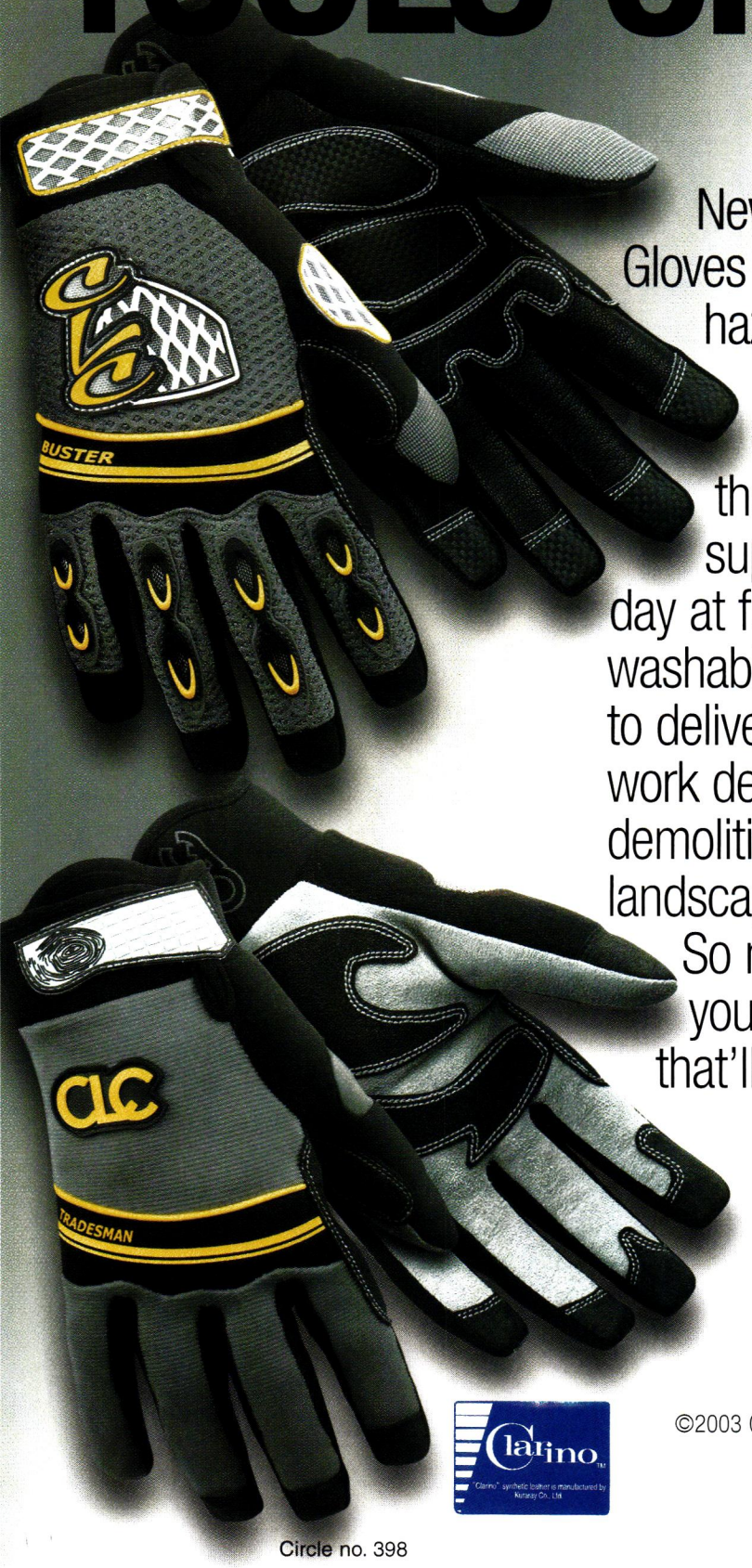
Arts & Crafts
1900-1920
Plate Rails, Crowns, Bases and More

Period Revival
1920-1940
Moldings Organized Into Packages for Easy Ordering

Today $20.00
2003-2004 Catalog,
www.hullhistorical.com
or Call 1-800-990-1495

Circle no. 490

TIMES CHANGE. TOOLS CHANGE.



New task specific FlexGrip™ Gloves get between you and the hazards, not you and your job.

Our form-fitted, high dexterity work gloves give your hands the protection and flexible support they need to put in a full day at full throttle. They're breathable, washable, and ergonomically designed to deliver the manual dexterity real work demands– from carpentry and demolition, to box handling, landscaping, and cold weather jobs.

So no matter what kind of work you do, there's a FlexGrip Glove that'll help you do it better.

CLC®

Think outside the toolbox.

(800) 325-0455 EXT.109

www.clccustomleathercraft.com

©2003 Custom LeatherCraft Mfg. Co., Inc. Los Angeles, CA 90037

Available in Canada by

Kuny's

Clarino™ synthetic leather is manufactured by Kuraray Co., Ltd.

Circle no. 398

WOODLINE™

"Manufacturers of Fine Wood Products"



• Special Orders Welcome • Custom Designs, Patterns, & Other Wood Species are Also Available.
Call or Fax for FREE Catalog

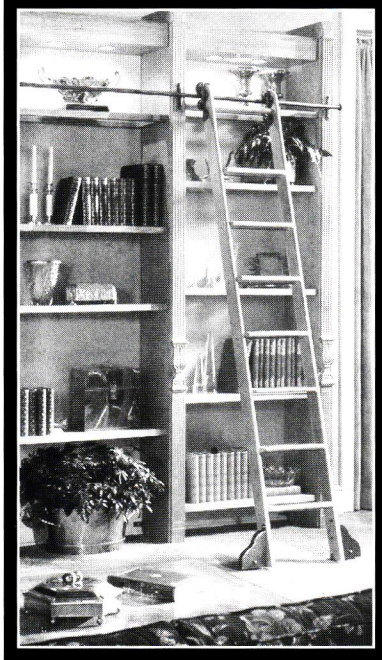
www.woodlineusa.com

1521 W. 14th Street, Long Beach, CA 90813
Tel: (562) 436-3771 Fax: (562) 436-8891

Corbels Finials Columns & Capitals
Newel Posts & Balusters

Circle no. 239

Rolling Library Ladders



Since 1905 Putnam Rolling Ladder Company has been manufacturing rolling ladders. Each ladder is custom made to your specifications. Models available in several hardwoods: oak, ash, birch, maple, cherry, mahogany, walnut and teak and others. Minwax stains are available. Hardware comes brass-plated, chrome-plated, black, antique brass, satin nickel or in brushed chrome and many others.

Putnam—Since 1905
(212) 226-5147
32 Howard Street. NYC, NY 10013
Fax: (212) 941-1836 www.putnamrollingladder.com

Circle no. 201

The Genuine Old-Fashioned Home-Made
MILK PAINT
SINCE 1974

Authentic Colonial and Shaker Finish
in Powder Form- just add water and mix!

16 Deep, Rich Colors
all natural - long lasting - will not fade

The Old Fashioned Milk Paint Company, Inc.
Dept. OHJ Box 222 Groton, MA 01450
Tel. (978)448-6336 Fax (978-448-2754

serving thousands of customers worldwide since 1974
often duplicated - never equaled
The Original- Nothing else even comes close!

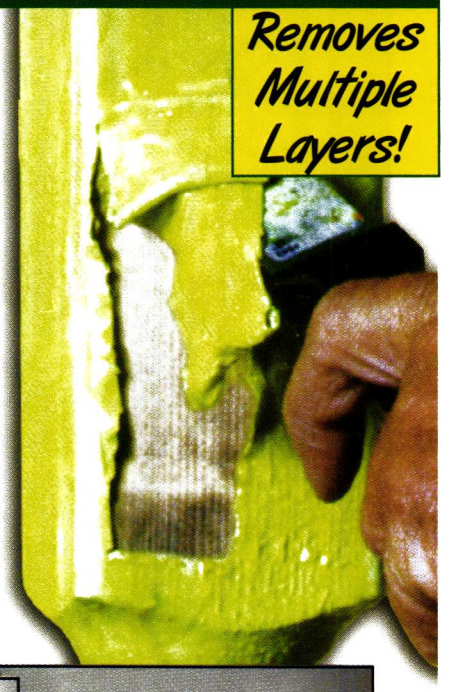
www.milkpaint.com

Circle no. 573

100% Biodegradable • Non-Caustic & Non-Hazardous
Virtually No Odor • Made With 100% American Grown Soybeans

SOY•Gel™

Professional Paint & Urethane Remover



Lead-based Paint, Varnishes & Urethanes

Trim • Molding • Brick • Furniture • Metal • Wood Floors

Soy•Gel is a consumer friendly paint, varnish, and urethane remover. The low evaporation rate of Soy•Gel and its gel formulation make it possible to **remove several layers of paint in one application**. During the removal of lead based paint, lead becomes encapsulated in the gel, preventing air born lead particles, allowing for safe and easy disposal. Soy•Gel **contains no methylene chloride, is not an alkaline based stripper and cleans up easily with water**. Unlike traditional paint strippers Soy•Gel lets you **work without the odor**. Indoors or outdoors, you can be guaranteed a safe restoration process with Soy•Gel.



Brick Fireplace and Mantel



Works on Horizontal and Vertical Surfaces

Made from 100% American Grown Soybeans • Five Stars!



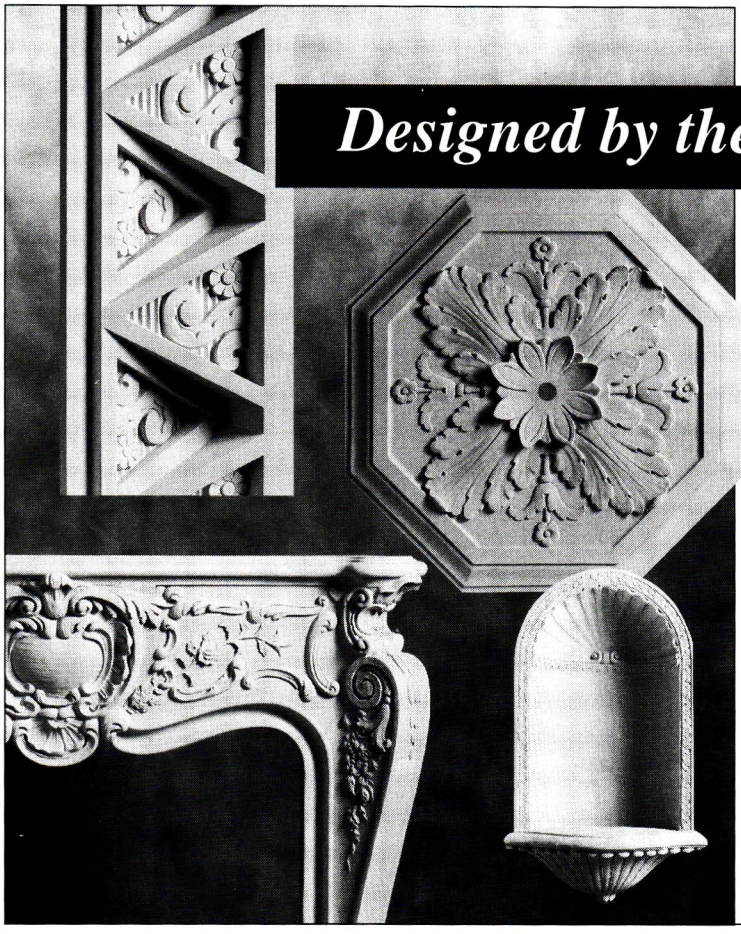
FRANMAR Chemical®

Call Today or Shop-Online!

1-800-538-5069 • www.franmar.com

*Available in Quart, Gallon, 2 1/2 Gallons, and 5 Gallons

Circle no. 444



Designed by the ages. Crafted by hand.

Fischer & Jirouch has been hand-crafting plaster ornaments by the same methods for nearly 100 years. We use only traditional plaster in replicas of our 1,500 designs from a variety of periods. Architects, tradespeople, and do-it-yourselfers rely on our pieces to enhance their exterior and interior projects. We also offer custom reproduction.



Hand-crafted Fischer & Jirouch ornaments are as easy to work with as wood and authentic throughout. *Send for our 144-page catalog ($10 US, $15 Canadian).*

No credit cards.
We ship UPS only (no P.O. boxes)
Canadian orders in U.S. dollars

THE FISCHER & JIROUCH CO.
4821 Superior Ave. • Cleveland, Ohio 44103
Tel. (216) 361-3840 FAX (216) 361-0650

Circle no. 91



How can you enjoy the benefits of a high-performance heating and cooling system without spoiling the aesthetics of your older home?

The answer is the Unico System. The Unico System's flexible mini-ducts fit easily behind walls and ceiling surfaces, eliminating most of the mess and inconvenience of demolition and construction. Outlets are small, subtle and barely noticeable and the Unico System delivers superior, quiet and draft-free performance. Your home deserves nothing less.

Call us today at 800-527-0896 or visit us at unicosystem.com.

The Unico System®

WAS BUILT FOR THE UNICO SYSTEM.

Unico is a Proud Partner of the National Trust for Historic Preservation

Circle no. 207

www.mantelsofyesteryear.com



Style 751 – Auburn, *From The Historic Natchez Collection*

Mantels of Yesteryear
Restored Antiques
Fine Reproductions
Custom Orders

P.O. Box 908
McCaysville, GA
30555
Ph (706) 492-5534
Fax (706) 492-3758

Call or visit our web site for the dealer nearest you.

Color Catalog, $8.00

- **Mantels**
- **Colonnades**
- **Pier Mirrors**
- **Shelves**
- **Hand Hewn Beams**
- **Quality Reproductions, Over 80 Styles**
- **Choice of Wood Species**
- **We Welcome Your Custom Designs**
- **Meets National Building Codes**

Also
World Wide Distributor
For

- ***Pearl Mantels***
  (hardwood mantels)
- ***Balmer Architectural Mouldings***
  (Cast Stone and Plaster Mantels)

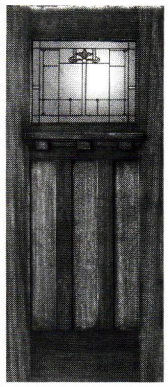
"Lowest Price Guaranteed!"

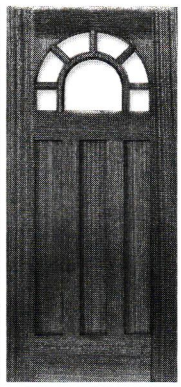


Style 334 – Full, *Our Best Seller*

Circle no. 481

SHEPPARD DOORS & GLASS



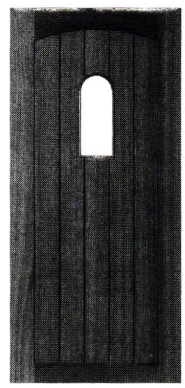


Your front door makes the first – and best – impression

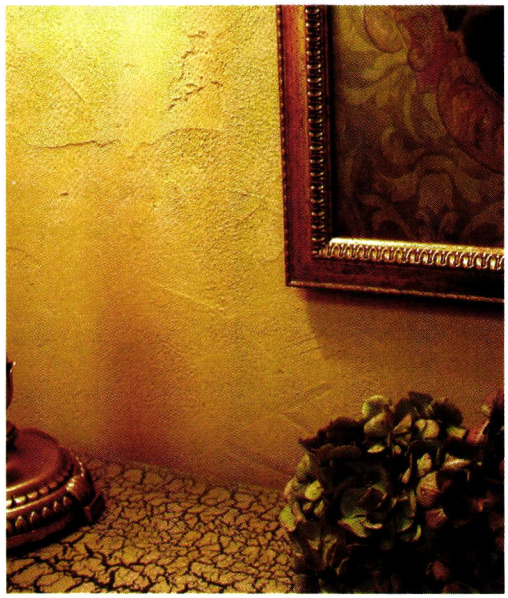
Call us at 832.644.2444

See our online catalogs

www.craftsmandoor.com
or
www.southwesterndoor.com



Circle no. 331



Terramed
textured wall treatment

Recreate the ambiance of Mediterranean interiors with historically accurate Terramed. An all-natural clay wallcoating, Terramed will add texture and life to your walls. Available in twelve authentic colors.

Med Imports
866-363-6334
info@medimports.net
www.medimports.net

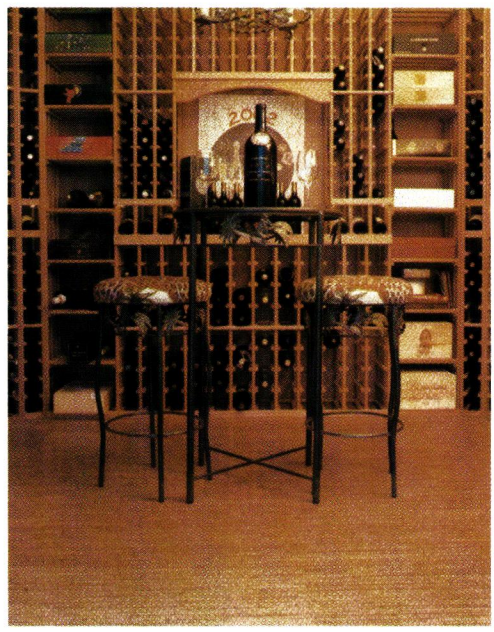


• Environmental
• Hypoallergenic
• Sound Absorbent

•Comfortable • Easy to Maintain • Natural

Natural CORK

1710 North Leg Court
Augusta, Georgia 30909
800-404-2675 706-733-8120 Fax
info@naturalcork.com
www.naturalcork.com



Discover the natural beauty of...*cork* flooring!

Circle no. 505

Fires of Tradition

Specialists in Classic English fires



We carry a full range of:

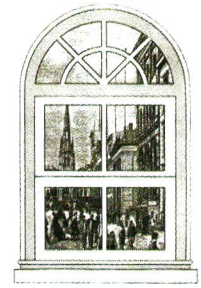
Fireplace tiles, cast iron inserts & slate mantels.

In wood, gas, or electric applications. Renovations or new construction.

Fires of Tradition Catalog $6.00
17 Passmore Cresent
Brantford Ontario N3T 5L6
info@firesoftradition.com
(519) 770-0063
www.firesoftradition.com

Circle no. 288

Restoration Glass® will change your view of history.



Why are more and more architects specifying Restoration Glass® from S.A. Bendheim for their restoration projects? Because of its *imperfections.*

Each sheet is handmade by craftsmen using the original cylinder method. Yet this glass easily meets today's tougher building codes. And it's available in two levels of distortion.

Once you've seen the difference Restoration Glass® makes, no historical restoration will look authentic without it.

For more information on Restoration Glass®, call Bendheim at 800-221-7379 (East Coast) or 800-900-3499 (West Coast) or visit our website: www.originalrestorationglass.com.

BENDHEIM

Circle no. 123

The Finishing Touch



VICTORIAN
ANTIQUE PEWTER



EGG & DART
OIL-RUBBED BRONZE

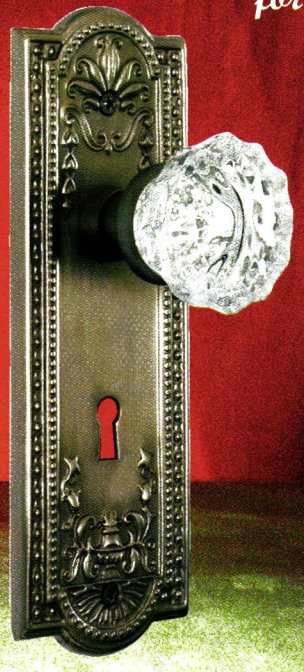


MEADOWS
SATIN NICKEL

- *Vintage styling, matched perfectly to our interior doorsets*
- *High security deadbolt*
- *Available in four stunning finishes—Polished Brass, Satin Nickel, Antique Pewter and Oil-Rubbed Bronze*
- *Mix and match knobs for your own unique look*







VISIT OUR WEB SITE TO FIND THE DEALER NEAREST YOU!

Introducing entry locks that will set your home apart from the crowd.

Nostalgic Warehouse®

The Original Vintage Style Hardware Company

1-800-522-7336 • www.nostalgicwarehouse.com

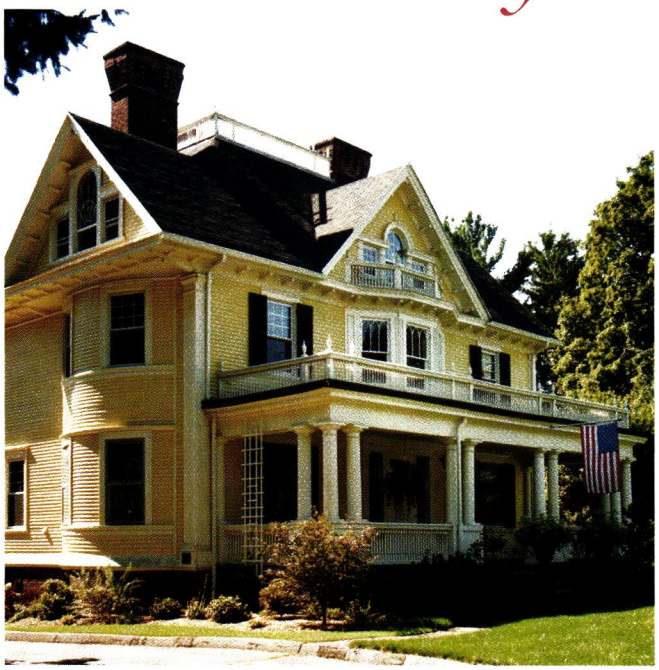
Circle no. 101

Quartersawn
Texas Antique Longleaf Heart Pine
www.Quartersawnantiquepine.com
What Its Worth, Inc.
Tel/Fax: 512-328-8837
P.O. Box 162135
Austin, TX 78716

Circle no. 238

This classic home has central air.
So can yours.

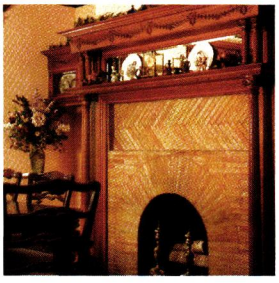




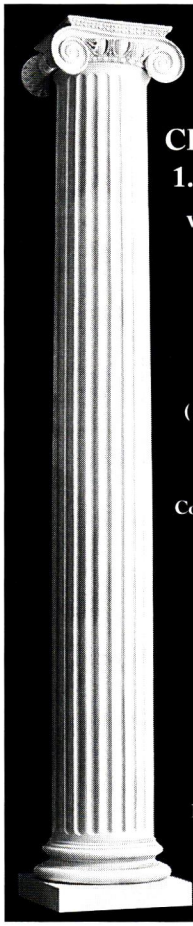
At SpacePak, our best feature is "hard to find." That's because our cooling and heating systems are designed to blend effortlessly into your home's decor to deliver quiet, whole house comfort. The secret to our thirty year success is flexible 2" tubing that feeds through walls and ceilings. All you see are small, round outlets the size of a music CD. There's no remodling, No redecorating. Just a home as comfortable to live in as it looks.



To see what you've been missing, contact SpacePak at 413.564.5530 or www.spacepak.com.
SPACE PAK
A MESTEK COMPANY
Central Air – Anywhere

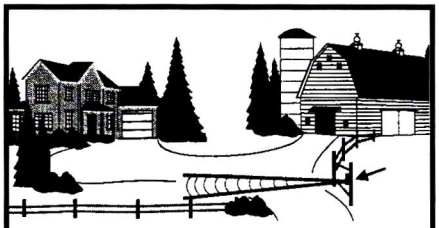


Circle no. 352



CHADSWORTH'S
1.800.COLUMNS®
www.columns.com
IDEA BOOK $20
(includes Columns Product Portfolio).
Columns Product Portfolio $5.
Free brochure.
800.486.2118
Telefax 910.763.3191
277 North Front Street
Historic Wilmington, NC
Atlanta • London

Circle no. 87



WIRELESS
DRIVEWAY ALARM
An alert sounds in the house when someone enters the driveway. Can also be used in back yard, around pools, patios, etc.
-Free Literature-
A complete line of wireless security equipment.
DAKOTA ALERT, INC.
Box 130, Elk Point, SD 57025
Ph: 605-356-2772
www.dakotaalert.com

Circle no. 581

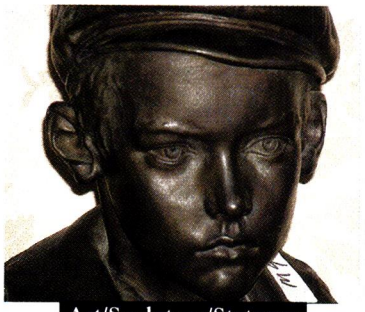
Olde Good Things

"THE PLACE OF THE ARCHITECTUROLOGISTS"

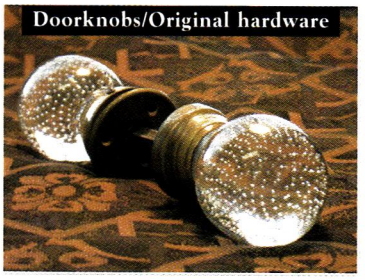
- We BUY and SELL Architectural Antiques
- Olde Good Things is the leader in preservationist salvage, with a 130,000 sq. ft. inventory
- Always something for everyone – if you can't find it, we can most likely find it for you!
- Open everyday – dealers and trade welcome

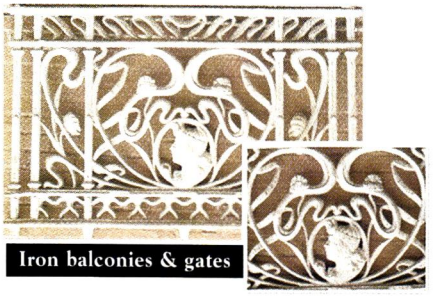

Lighting - interior/exterior

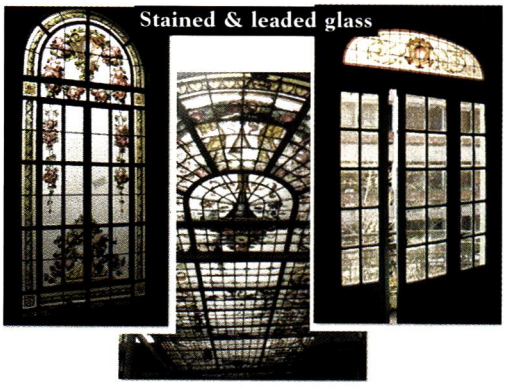

Mantels - wood/marble


Art/Sculpture/Statuary

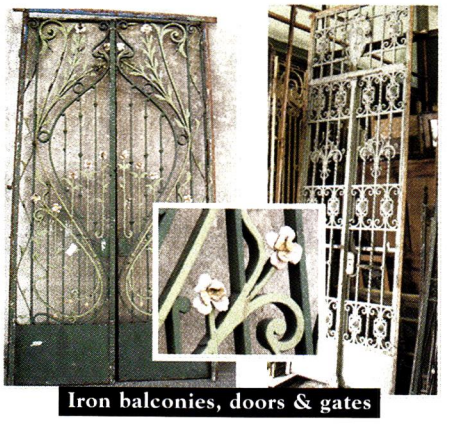

Doors - interior/exterior


Doorknobs/Original hardware


Iron balconies & gates


Stained & leaded glass


Tin panels/Tin & copper cornice mirrors


Iron balconies, doors & gates

. . . plus American, French & English furniture — and much much more!

National Warehouse: 400 Gilligan Street, Scranton, PA 18508 — 570-341-7668
New York Showroom: 124 W. 24th Street, New York, NY 10011 — 212-989-8401
Brooklyn Store: 400 Atlantic Avenue, Brooklyn, NY 11227 — 718-935-9742
E-mail: mail@oldegoodthings.com

Visit our newly stocked online store: www.oldegoodthings.com

Romans 6:23 "For the wages of sin is death, but the gift of God is everlasting life in Christ Jesus our Lord."

Circle no. 384

Let There Be *Light* for Everyone

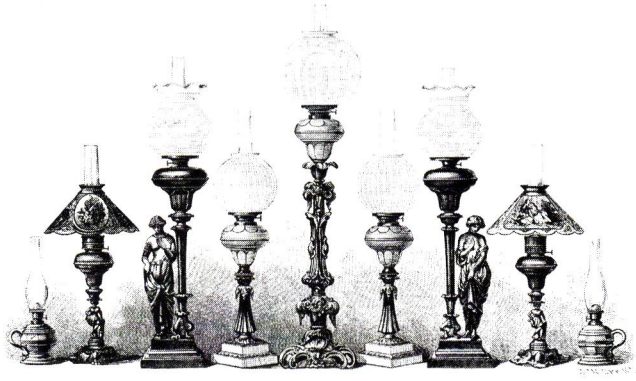
By John Crosby Freeman

Illuminations on late Victorian interior lighting.



BRIAN VANDEN BRINK

Judging by the open shades, the small, inexpensive three-branch gas chandelier in the 1849 Farnsworth Homestead in Rockland, Maine, is probably from 1880s.



ARCHIVAL ART AMERICAN LIFE FOUNDATION

Dietz & Company highlighted table lamps in its 1860 catalog, but the catalog also included an exhaustive line of wall and ceiling fixtures—many equally ornamental.

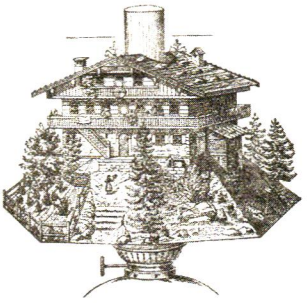
Genesis got it right. The victory of light is the key to human existence. However, not until the late Victorian decades did kerosene lighting end the tyranny of night for nearly everyone in the United States. Gas lighting was the posh, pretty-boy, poster child of Victorian interior lighting, but its technology and expense restricted its use to wealthy urban homes and public places. Likewise for electric lighting, which began in 1879 when Thomas Edison perfected the commercial incandescent lamp and, more important, a system to power it. Here's a glance at how, just more than a century ago, these three sources brought new levels of light into houses for the first time and the impact they had on fixtures, décor, and the people who used them.

Oil for the Lamps of Columbia

John D. Rockefeller is stigmatized as one of the bad boys of late Victorian capitalism, but his consolidation of petroleum refining made kerosene affordable for everyone. Delivered down the web of post-Civil War railroad tracks that united a largely rural country, there was also shipped a vast array of kerosene lighting devices from the fundamental to the fancy. There's no need to get lost in lumens to appreciate how much light output improved, but a kerosene flame will

The two-light kerosene pendant fits the era of the 1870 Norlands House in Livermore, Maine. Decorative glass chimneys were also sold for use in such public rooms and to complement the painted ceiling.

BRIAN VANDEN BRINK

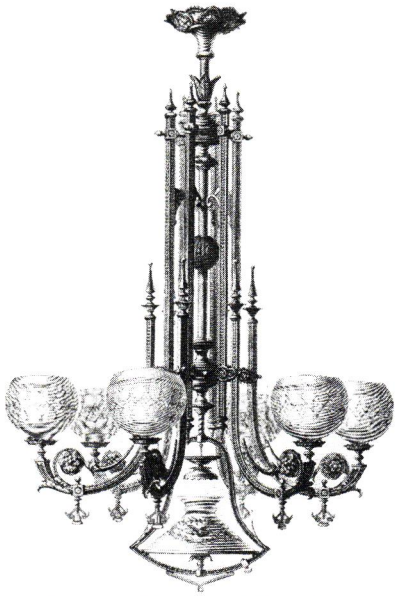


Elaborate paper shades often came from Germany. Most fantastic are "Transformation Lampshades" with shading on the back that dissolve from daylight to night scenes when the lamp is lit.

provide about three times the brightness of a candle flame—with a candle flame being about equal in brightness to an overcast sky. Kerosene lighting was superior to candle but not inherently safer. Remember how a kerosene lantern kicked by a cow started the Great Chicago Fire of 1871? There are numerous gruesome accounts of women burned to death while refueling kerosene lamps when the fuel ignited after it spilled on their billowing skirts. Explosions were common because unscrupulous suppliers adulterated kerosene with more volatile fuel that was less expensive. Few then would disagree with the Victorian domestic sages Harriet and Catherine Beecher. In their famous 1869 guide, *American Woman's Home*, they pronounced, "good kerosene oil gives a light which leaves little to be desired."

If you restore some Victorian verisimilitude to your house via working kerosene lighting, plan on making a safe place to clean, trim, and refuel your lamps away from where they are burned. The Beecher sisters suggested "a lamp filler, with a spout, small at the end, and turned up to prevent oil from dripping." They recommend lighting the lamp "with a strip of folded or rolled paper, of which a quantity should be kept on the mantelpiece."

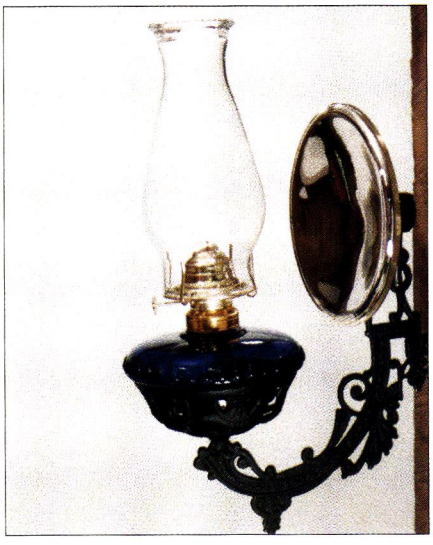
A wood engraving from the title page of the 1860 Dietz & Company lighting catalog (see previous page) displays how diverse the market for kerosene lighting had become by



Center slide chandeliers that could be lowered and raised were designed to simplify lighting large gas fixtures. This 1876 Archer & Pancoast model for drawing room or library included a center light.

the mid-19th century. From the small, utilitarian hand lamps at the outside, the models march up the social mountain to the "very rich tripod lamp" in the center. Printed paper lampshades on the pair next to the hand lamps are among the rarest ephemera of Victorian lighting. Dietz apparently supplied them ready-made and possibly patented them as such. Chromo-lithographed paper lampshades also were available as uncut flat sheets for home construction.

If you like prism hula skirts on your late Victorian kerosene ceiling fixtures, there is an ample supply of old and new examples available in a variety of colored shades. If your budget is limited, come down from the ceiling and consider more modest kerosene lamps on mounted wall brackets. Lamp brackets and flowerpot brackets appear together in late Victorian hardware catalogs. From a distance, they look the same. Although you are more likely to find antique flowerpot brackets, don't use them for kerosene lamps. A flowerpot knocked on the floor is a mess; a kerosene lamp is a disaster. A must for any functional kerosene ceiling lamp is a smoke bell to collect the soot and keep it off the ceiling.



COURTESY OF LEHMANS

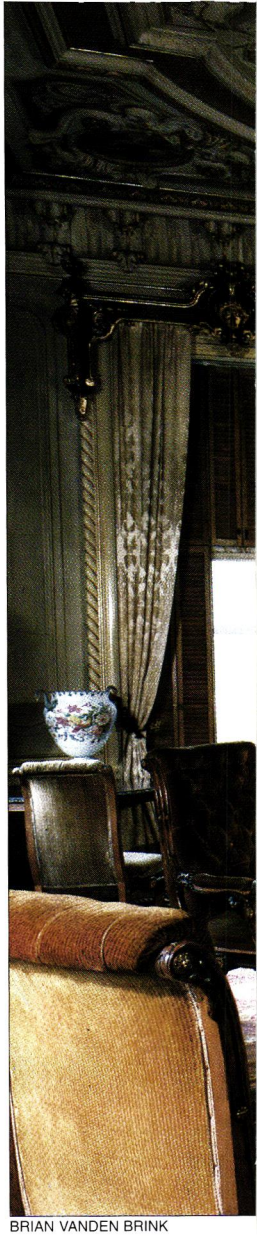
Lighting stores and specialists that sell kerosene burners and lamps should also carry wall brackets, mercury type reflectors, and small smoke bells that attach to chimney tops to protect walls.

Historical Gas

Gas lighting is dead. To my knowledge, the only place and time Victorian gas lighting comes to life is the Christmas Eve service at St. Timothy's Episcopal Church, in Roxborough, Philadelphia. They say it's quite a sight to see two people racing around the outer aisles, one opening the late Victorian gas jets that "St. Tims" never took out and another lighting them. My only experience with gas lighting took place more than 30 years ago during a Victorian Society in America annual meeting in Cincinnati, Ohio. As a special treat, we were taken "over the river" to Covington, Kentucky, for an evening at what turned out to be a Victorian time capsule. Our hosts removed dust covers from the original seating of a double parlor—containing not one but two suites of Belter furniture. But it was the gas jets on the wall that overwhelmed me. The hiss, the heat, the hot colors. At that moment I realized why and when the expression "Let's step outside for a breath of fresh air!" entered the American idiom.

The technology of gas lighting is dead, but not its outward forms. In the social scale of Victorian lighting devices, gas lighting fixtures remain where they always were: at the top. A good example of an electrified reproduction gasolier is the five-arm fixture with open shades (page 69 bottom) that imitates what originals looked like during the 1880s and '90s. Compare this with the ball globes of the double-tiered, 12-branched gasolier (page 69 top)—the kind popular from the 1850s through the 1870s in Italianate or Second Empire mansions. Why the shift? The "new style" globes of the 1880s were made wider at the base as well as across the top to increase air flow and reduce flickering.

For the majority of lighting's history, any artificial light source has never been sufficiently beautiful in its own right. It needed a base. It needed a container. It needed a shelter. It needed a reflective device to make the most visual contribution to the room, and gaslight was no



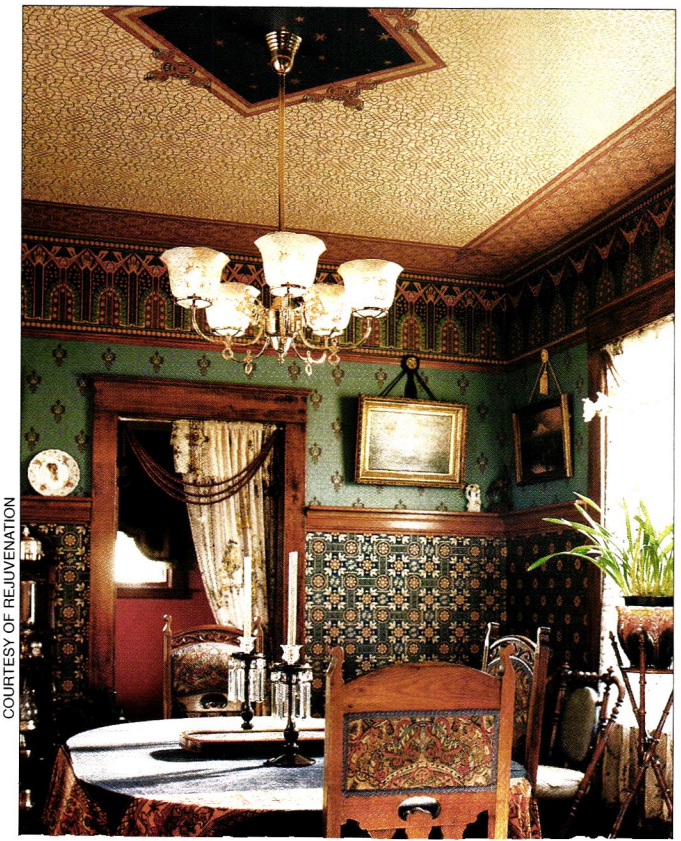
BRIAN VANDEN BRINK

MORE FROM OLDHOUSE JOURNAL.COM

For related stories online, see "Shedding New Light on Old Kitchens" and "We Sing the Eclectic Electric." Just click to "The Magazine" section, and check out the alphabetical list of recent features.

The 1858–1860 Morse-Libby House (also called Victoria Mansion) in Portland, Maine, is renowned for its lavish gas chandeliers—one of the few known original examples in the Neorococo style. The large ball globes of this 12-arm extravaganza—designed to fit the Gustave Herter interior—have minute bases typical of the date.

The variety of quality electrified reproduction gasoliers on the market, such as this post 1880s design, makes them both affordable and practical for an old-house lifestyle. Historically appropriate finishes help complete the room.



COURTESY OF REJUVENATION

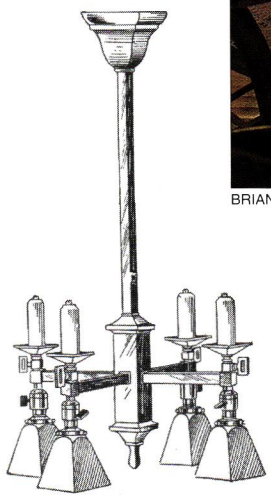


Dietz & Company featured gorgeous colored overlay cased glass kerosene fonts, cut-to-clear or cut-to-color, which are the heart's desire of any Victorian lighting collector today.

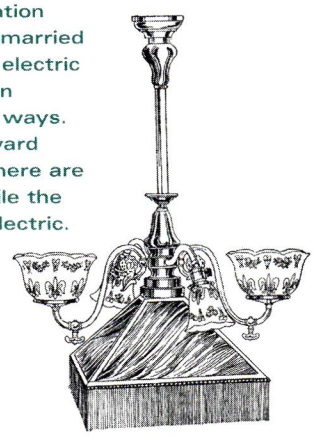
Though the Homeport Inn in Searsport, Maine, was built in 1861, this early all-electric "shower" fixture from the 1910s is now part of the historical décor. The anachronistic oil font in the center appears on many Colonial style models of the time and is actually Flemish inspired.

BRIAN VANDEN BRINK

This so-called Mission chandelier (below) mixes four arms of unabashedly electric lighting with backup gas candles—a common twist in the 1910s.



Combination fixtures married gas and electric service in multiple ways. The upward shades here are gas, while the rest is electric.



different. Fixtures were based upon all of the prevailing decorative styles of the era from Neoclassical and Rococo, to Neo-Grec, Aesthetic, and Eastlake.

A good reproduction gasolier cannot convey gaslight-era ambiance on its own. In the best Victorian manner, the reproduction interior (page 69) is a harmony of light, color, pattern, texture, and scale. A big help is the proper arrangement of dado, fill, frieze, ceiling, and centerpiece wallpapers. Their tertiary colors bask in the warm spectrum that emits from reproduction carbon

filament incandescent bulbs. I'm especially glad to see the ceiling centerpiece. To the sensibility of a Victorian eye, plugging a chandelier in the modern manner into a bare ceiling looks bad because it was bad manners for anything or any person to meet another without a proper introduction. I also like the portiere drape and the proper use of the picture moulding with a medallion and wrapped wires.

The Electric Circus

During the 1890s, as electric lighting gained in popularity, makers of gas lighting devices added electric lines and sockets to their gas jets. It's easy to tell the difference between a gaslight fixture and an electric light fixture. With the exception of later Welsbach mantle incandescent lights, all forms of Victorian combustion lighting have shades that point up. Late Victorian incandescent lamps usually have shades that point down. An authentic late Victorian electric fixture is never at a near-horizontal angle. The reason is the large, fragile carbon filament of early lamps (commonly called bulbs) could break under the stress of gravity or vibration. (Welsbach mantle fixtures, which operate like gasoline camping lanterns, always point down and were popular from 1890 to about 1910.)

If authenticity is your goal, it's worth finishing your late Victorian electric lighting installation with authentic lamps. Though spending up to $16 each for reproduction carbon filament lamps seems expensive, they burn with a low, warm, amber glow that is the intended spectrum and intensity for the fixture and the room. The popular alternative to low-level lighting is putting modern lamps on a dimmer. This is not only inauthentic, but also it does not have quite the same visual effect. Inspired and educated eyes of Victorian interior designers, like their predecessors, learned by trial-and-error what colors looked best under available lighting conditions.

Late Victorian low-level lighting got a lot of its allure from associations with the interiors of 17th-century Dutch genre painting, revered at the time and throughout the Arts & Crafts period of the early 20th century. Released from dealing with heat and exhaust, fixtures were free to become artfully placed pools of light capped with stained-glass shades that scattered a jewel-like spectrum of colors towards delicious shadows. Perhaps more than the Victorian lighting that preceded it, the light fixture—especially its crowning glory—was a work of art. Nothing less could have been expected from a period called Art Nouveau or Arts & Crafts.

If anyone seriously wants to revisit late Victorian interiors, today's bright and pervasive interior lighting must be banished. Be patient when you enter a late Victorian interior. Let your eyes dilate. It's a wonderful experience to wait and see colors, patterns, and shapes emerge. Life among the shadows is relaxing. It's comfortable. And its richly beautiful concern for proper lighting conditions is a small, but significant, part of what makes us devoted supporters of old houses.

***John Crosby Freeman**, "The Color Doctor" and author of the book* Joy of Color, *has been enlightening the pages of OHJ since 1982.*



BRIAN VANDEN BRINK

Electrified gasoliers can also be historic. The body of this Morse-Libby House chandelier is original to the building, but the improved-style shades were added when the fixture was electrified in 1902.

For a list of SUPPLIERS, see page 130.



BRIAN VANDEN BRINK

Gas chandeliers were often sited over tables. In some versions of this three-arm model, the central light could be lowered for reading.



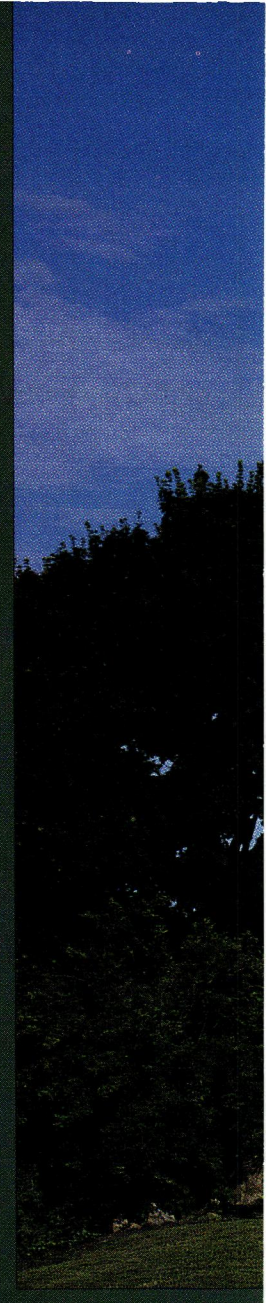
North Bennet Street School students remove rotten wood from the cupola's finial.

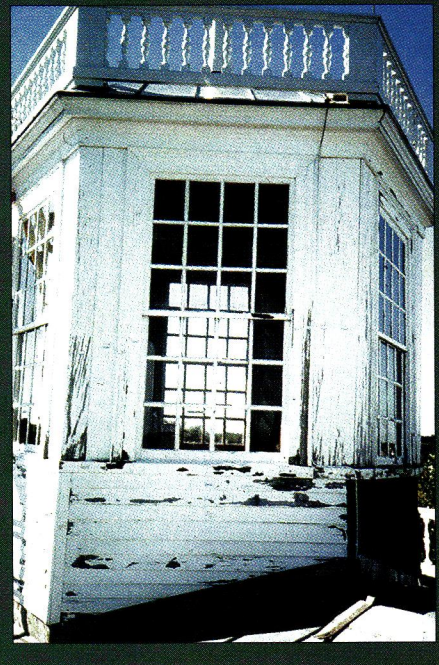
ALL PHOTOS COURTESY OF THE NORTH BENNET STREET SCHOOL EXCEPT WHERE NOTED

Revolutionary Carpentry

By Nancy E. Berry

Using traditional building techniques, preservation students restore a historic cupola.





Just 25 years after its first major restoration project the cupola's wood siding had rotted.



Built between 1747 and 1751 for Royal Governor William Shirley and later owned by Federal Governor William Eustis, the Shirley Eustis House in Roxbury, Massachusetts, is one of only four remaining Royal Colonial Governor's mansions in the country. The house is Georgian in design but was restored to its Federal period in the 1980s.

SABRINA MURPHY

Twenty-five years after its first restoration, the cupola on the 1747–1751 Shirley Eustis House in Roxbury, Massachusetts, needed a facelift. In 1978, a state-run preservation group looking for a viable way to keep the crown of this historic house from deteriorating had removed all the original Eastern white pine clapboards, and replaced them with modern versions, covered the windows and siding with plexiglass, and caulked all seams with silicone to protect the cupola from Boston's harsh weather. The well-intentioned fix created an air-tight capsule that trapped moisture causing the replacement wood to decay.

By 2002 the siding had rotted and the cupola was in danger of being lost. Director and instructor of Boston's North Bennet Street School's preservation carpentry program, Robert Adam, stepped in to re-restore the failing structure last fall. Observing the methods Robert Adam and his students used to reconstruct the cupola's exterior envelope while saving as much of the building's original materials as possible provides a unique education in state-of-the-art restoration carpentry.

Taking Notes

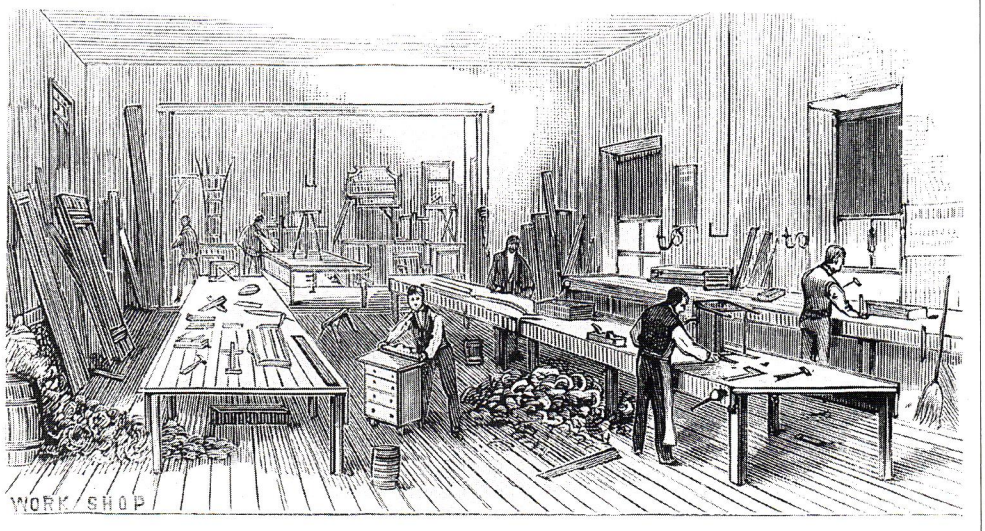
The team began the project by documenting the structure's existing repairs and materials. The students sketched each side of the cupola and then numbered and recorded each component, so when the structure was dismantled any pieces still intact could be placed in their original locations.

After the students cataloged the details, they removed the plexiglass and silicone that covered the cupola. The team relied on crowbars to break the stubborn silicone bond; once they removed the plexiglass, the students scraped off any residual silicone. They worked carefully not to damage any underlying original materials. Then the students removed all clapboards, architectural mouldings, windows, and window frames.

The students found much of the cupola's original 3/4″ Eastern white pine sheathing in good condition. The 25-year-old replacement clapboard was not so lucky. Because much of this plantation-grown sapwood was sealed behind the plastic, moisture became trapped, and this started rot in the clapboards. Adam and his students replaced the clapboards with quartersawn

History Lesson

Tucked away on a narrow street in Boston's historic North End is the North Bennet Street School, a four-storey brick structure filled with the sounds of buzzing saws, humming violin stings, and tinkling piano keys. The school has been training students in the traditional trades for more than 100 years. Founded in 1885 by Pauline A. Shaw as the North Bennet Street Industrial School, it began as a charitable organization that taught immigrant men and women skills so they could find work in their new home. As the demographics of the neighborhood changed, the school shifted from social service to training professional craftsmen. Today the curriculum includes furniture making, jewelry making, violin restoration, and carpentry skills among others. Robert Adam began Massachusetts' first preservation carpentry program at North Bennet Street School in 1985. Seeing a need for more tradespeople skilled in preservation techniques, Adam developed a program that teaches pre-20th-century building construction and how to work effectively on older structures using traditional building methods and today's conservation practices—occasionally incorporating restoration work on New England's 19th-century privies. "These structures offer all the building components of a wood-framed house on a much smaller scale," says Adam. For more information on the school visit www.nbss.org.



An 1885 illustration of a classroom at the North Bennet Street Industrial School shows a woodworking shop.

Eastern white pine from Western Massachusetts' Sky Lodge Farm. The quartersawn clapboard is exceptionally durable because the board follows the trees' natural structure; the growth rings are perpendicular to the wide surface of the board creating a true vertical-grain material that resists warping and wear. The original clapboards were hand-rived (radially split) from logs. The boards used in the 1978 restoration were flatsawn, a method that creates a board prone to warping and splitting.

At the school's carpentry shop, the new boards were hand planed to remove any mill marks that could telegraph through the final paint job. Then the students primed the boards on all sides to help protect the wood from moisture penetration. They primed the ends of the boards as well because the end grain is prone to wick water.

Trade Secrets

Staying true to original building methods, Adam didn't use a weatherproofing membrane between the original sheathing and exterior cladding. Without this extra protection, the students had to ensure all boards fit tightly together to make a weather-resistant cladding. The cupola's walls are 8′ wide, but the mill had a limited supply of 8′ boards. To work around this, the students interspersed 2′ and 6′ spliced boards for every other course. To create a splice, the students cut a board at a 60 degree angle. To complete the 180 degrees needed to fit the two boards together, another board was simply flipped onto its opposite side and cut on the same angle—this way the angle of the saw blade does not have to change. This creates a fairly weather-tight joint.

Adam instructed his students to lap the boards from the bottom of the sill line down to the roofline—lapping boards from top to bottom in this manner was common in colonial house building. The students slid each clapboard underneath the previous one—wedging the courses together in this fashion creates a tight fit. The top and bottom boards were then fastened with 2 1/2″ stainless-steel nails—a method called "two-course nailing." (Although not a traditional material, the 21st-century stainless-steel nails will offer a clue for future preser-





Once the exterior boards were removed, much of the original 1747 white pine sheathing was revealed to be in good condition.

Left: Dave Lewis pried the silicone and plexiglass free with a crowbar while trying to protect any original materials that might be salvaged.

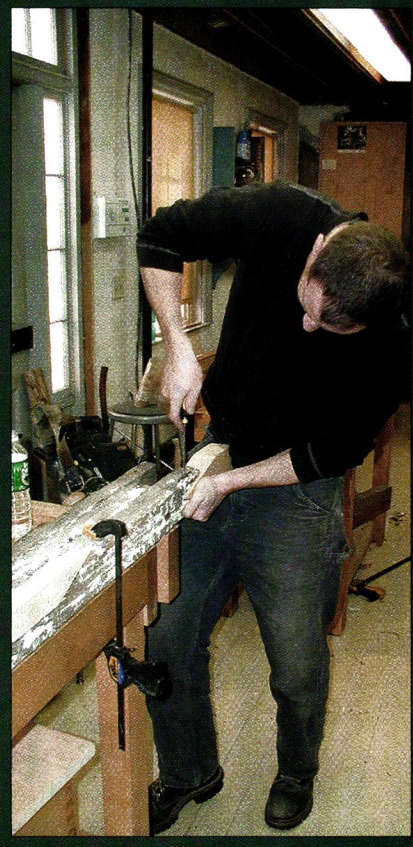


To create the corner boards, Tom Reidy and Nick Beasley cut three boards of Western red cedar. They fastened the three pieces using a resorcinol glue, a waterproof glue used in boat building that yields less of a glue line.

Wood Savers

The students worked hard to save as much of the original wood as possible on the cupola. Although all window jambs were conserved, only two out of the five window sills could be salvaged using dutchman repairs.





Top: Before making a dutchman repair, the rotted wood must be cut away to create a reproducible angle. Left: A new piece is cut larger than the space to be filled and glued with epoxy. The piece of wood is left clamped overnight to create a secure bond.



Above: Andy Ingalls brushes a mix of linseed oil and turpentine onto the aged wood to add integrity.



Above: Once the new piece of wood is chiseled and hand planed to the original dimensions of the window frames, it is ready to be put back into the cupola.



SABRINA MURPHY

Above: Shown here is a splice on the window jamb. With time the wood will weather to a grey tone.



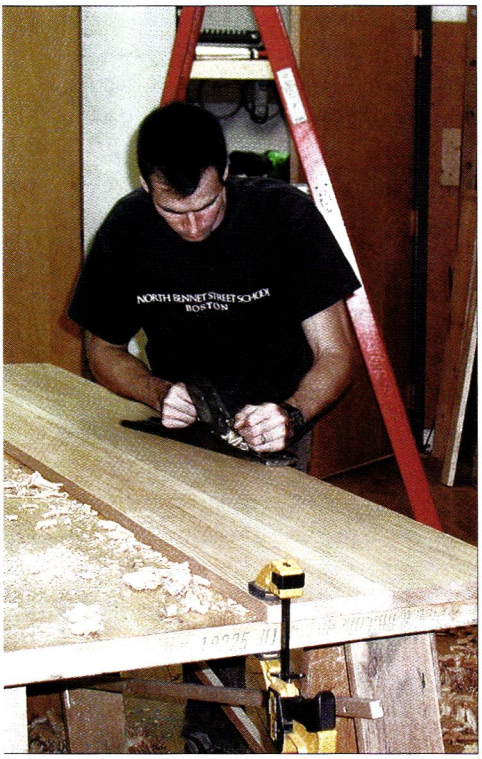
For more information on the Shirley Eustis House visit www.shirleyeustishouse.org.



Once the boards were in place, Andrew Harvey went over the siding with primer one more time before it received a topcoat of paint.



Lead-coated copper casings were placed over joints at the sill line to prevent water penetration. Below: Reidy removes any mill marks from the Western red cedar by hand planing the board.



vationists of the timeframe of this project.) Then all lower clapboards were cut at an angle to fit the strike of the hipped roof.

To create sturdy vertical corner boards above and below the sill line, the team chose to use Western red cedar, a wood resistant to rot. First, three cedar boards totaling 30″ in width were glued together with resorcinol glue. Then the three joined boards were cut down the middle. The outer faces of the two boards were hand planed again to remove any mill marks. Adam instructed his students to use a lap joint to join the two boards. The boards were again glued with resorcinol glue and screwed together every 14″ to create a tight bond. Once all the clapboards were in place, the corner boards were fabricated in the shop and brought to the job site and installed.

After 250 years of weather and settling, nothing on the cupola sat plumb. Using a compass, the students scribed the awkward angles of the original boards onto the adjoining new boards, which had been cut longer than the alotted space. The extra material was then cut away.

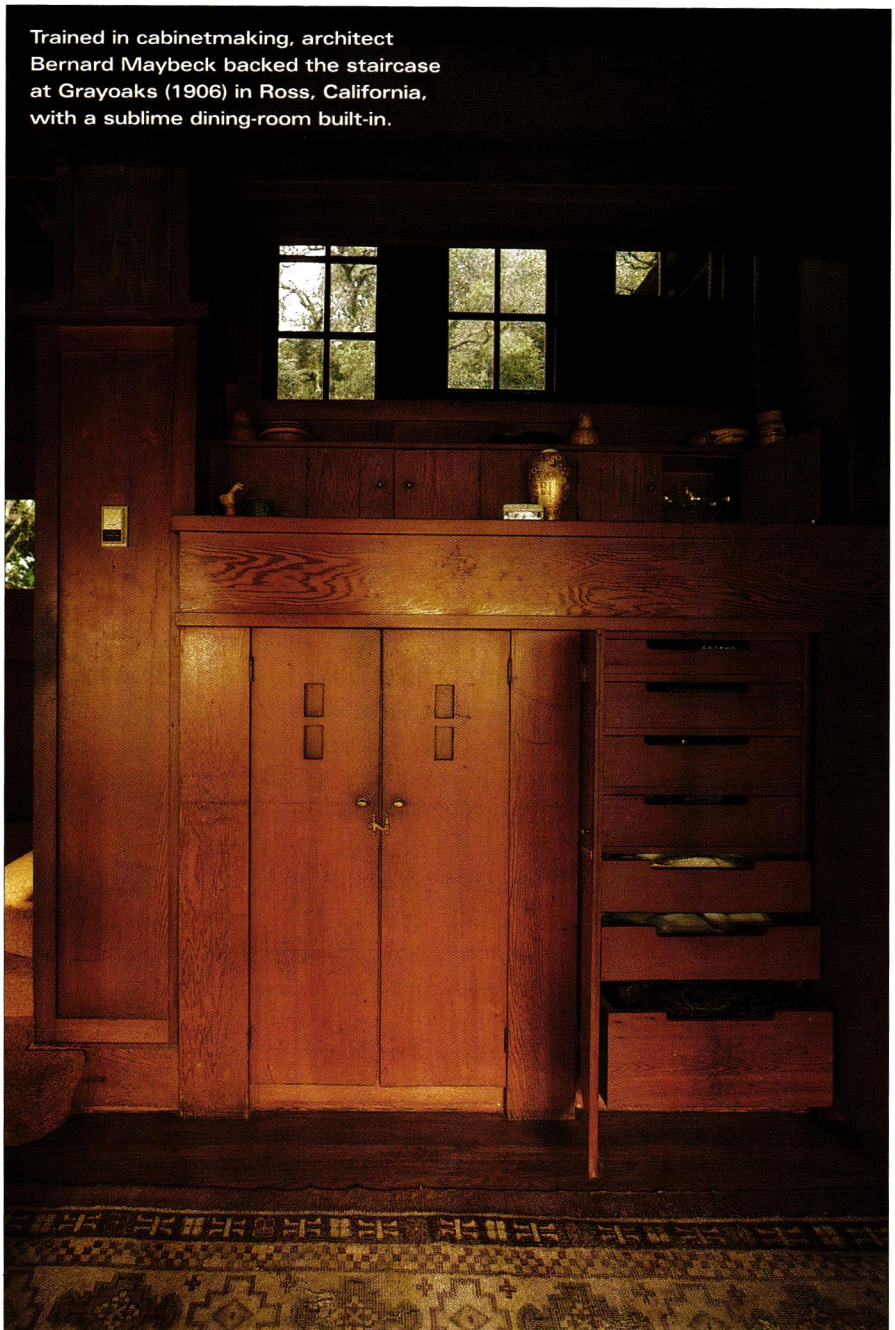
Although the method used for laying the boards created a snug fit, the students covered joints along the sill line with lead-coated copper casings that would withstand the salty seacoast air and protect against moisture penetration. The cupola envelope received additional primer and a topcoat of paint. Using these traditional carpentry techniques, this crowning touch on a 256-year-old piece of American history will be preserved for future generations.

Special thanks to school graduate Tom Reidy who has recently started his own preservation carpentry business in the Boston area. To contact Reidy call (617) 230-7016 or email thomasjreidy@hotmail.com.

By Gordon Bock

The Making of Built-Ins

In the Arts & Crafts quest for health, simplicity, and design unity, furniture became house.



Trained in cabinetmaking, architect Bernard Maybeck backed the staircase at Grayoaks (1906) in Ross, California, with a sublime dining-room built-in.

BRET MORGAN *SHINGLE STYLES*, HARRY N. ABRAMS, INC.

Few design philosophies have cast houses in a new mold like the Arts & Crafts Movement, and few features bring together so many of its forward-thinking ideas as the legendary built-in. Though examples of these innovative pieces of "permanent furniture" are still doing service in bungalows, Foursquares, and even Tudor- and Dutch Colonial Revival houses from 1900 to 1930, many have been reduced to little more than quirky cabinets or empty alcoves during decades of changing tastes. For anyone owning or interested in re-creating these frequently ingenious elements, here's what was behind the built-in craze and where it went.

Reactions and Inventions

Like so many things Arts & Crafts, built-ins were part of a wave of reform—an aesthetic about-face from the prevailing tastes of the Victorian era and a charge in new directions. Rejecting the mass-produced, overwrought furniture of the late 19th century (and the eclectic houses and interiors that went with it), designers sought to unify the house's design elements while simplifying the occupants' lifestyles—a functional necessity in the smaller, servantless suburban houses of the early automobile era. Their solution was not only to coordinate pieces of furniture with the overall architecture of the house but also to fuse them into the structure with seamless schemes and cunning joinery.

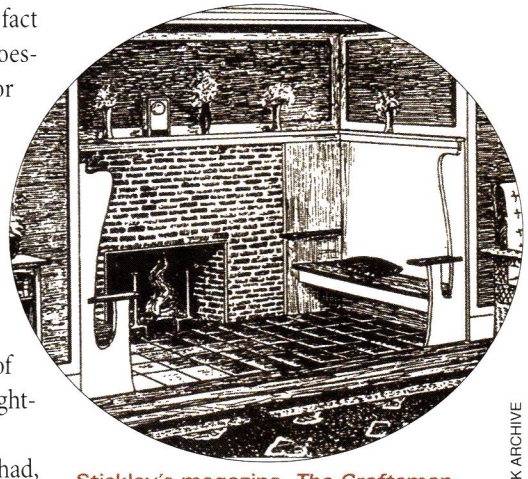
The ideal place to build-in a dining room buffet was an alcove—or better yet a window bay such as this that could add practical and decorative glasswork.

LINDA SVENDSEN

Besides creating a distinctly novel look and space-saving efficiency, the aim of many built-ins was also to be more hygienic. In a day when germ theory and its connection to public health was just sinking in, eliminating dirt and the places it could hide became a crusade. Built-ins helped heed the call by reducing dirt-catching areas—especially the underspaces around legs—that could harbor dust, insects, and most insidiously, microbes.

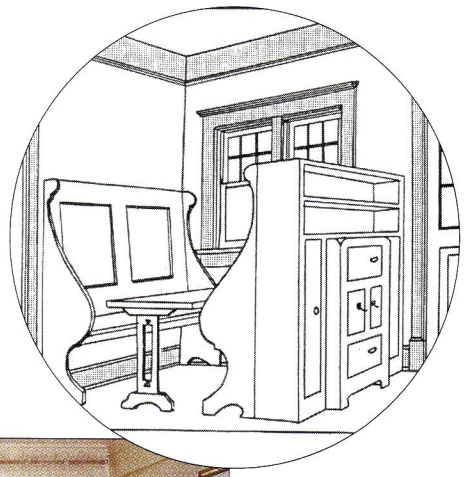
Ironically, the inglenook—one of the classic built-ins of the Arts & Crafts era—had been a favorite of adventurous Victorian architects working in the Shingle and Colonial Revival styles. H.H. Richardson is sometimes credited with importing this idea (two fixed bench seats bookending a hearth for reflective warmth) from England, and he made frequent use of it in his medieval, yet modern, interiors. The fact that the inglenook was almost ancient doesn't seem to have been an issue for American Arts & Crafts designers and tastemakers; they pop up everywhere from Gustav Stickley's house plans to the ultimate bungalows of the Greene brothers. Though central heating made the hearth obsolete for warmth after 1900, it carried renewed symbolic and aesthetic significance as the center of the house, and an inglenook only highlighted its importance.

Where an inglenook could not be had, there was sure to be a pair of built-in bookcases flanking the fireplace. An almost ubiquitous feature in planbook and ready-cut bungalows of all breeds, such bookcases presented the opportunity not only to shelve



Stickley's magazine, *The Craftsman*, extolled the inglenook as the essence of domestic coziness. Also called chimney corners, they came to America from 15th-century England and English architect Richard Norman Shaw.

GORDON BOCK ARCHIVE

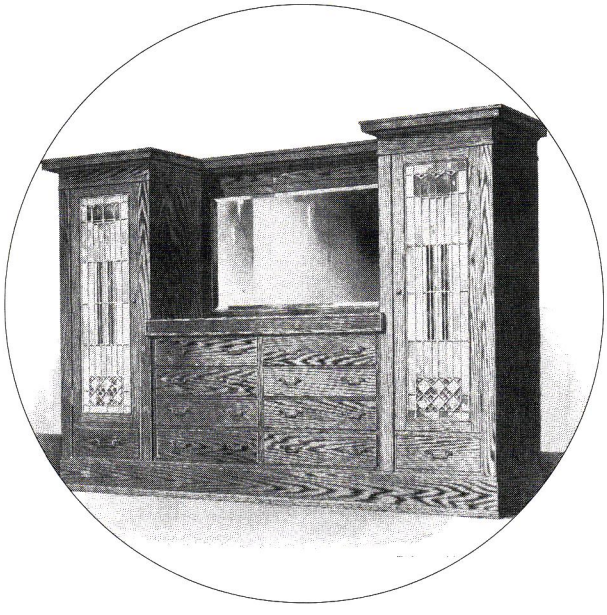


Among the most malleable of built-ins was the breakfast nook or Pullman alcove. Benches that had an open back could be turned into "buttress cabinets" with more storage—even drop-front desks. At least one manufacturer marketed a complete nook that collapsed into a closet like an ironing board to be "out of sight when not in use."



LINDA SVENDSEN

Built-in bookcases added an erudite air as well as precious storage to the minimal living rooms of many bungalows. A house without a fireplace might substitute a built-in writing desk in the same space.



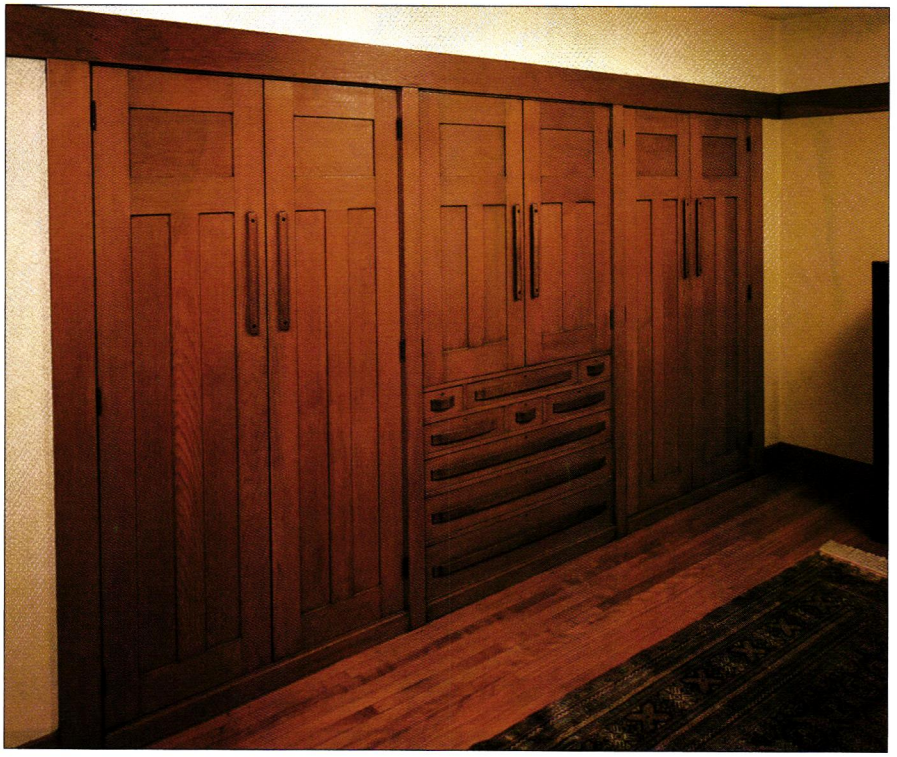
Built-in cabinets of all types were readily ordered from catalog millwork manufacturers or, in the case of kit houses, from the likes of Aladdin or Sears. This 1912 sideboard from Sears is typical of the generic Arts & Crafts styling available everywhere.

and display books or pottery but also to protect them behind a veil of decorative art-glass doors. Storage made aesthetic was taken to heart in the dining room. Pantries were not an option in the majority of smaller, Arts & Crafts houses, so a built-in sideboard or "buffet" was all-important for berthing flatware and linens. In the best layouts, it could be built into an alcove so the drawer fronts were flush with the wall, and the mirrored counter was a recess. At the least it was solidly anchored to the wall as a footless mass and commonly ordered as a prefab unit from a millwork manufacturer.

Built-ins are firmly secured to the building, but that does not mean that they must meld with a wall. The prime example is the colonnade that provided definition between living areas without actually separating them into rooms. Colonnades are pairs of waist-high cabinetwork that support tapered

piers or vaguely classical columns that typically run to a box beam across the ceiling. Though the beam and piers are nonstructural, the casework often overcompensates in practicality by incorporating bookshelves, drawers, a fold-out desk, or combinations thereof.

Bench seats under windows or attached to walls are deja vu too. Starting with Richardson and his acolytes, the bench's popularity continued unabated with the next generation of designers such as Harvey Ellis, who appended them to colonnades in a now famous illustration in *The Craftsman* magazine. Bench seats also tucked between a newel post and wall at the bottom of a staircase, where the seat surface could be hinged like a chest for storing footgear.



LINDA SVENDSEN

A wall of beautiful doors can hide a complete boudoir suite of dressing table, drawers, and hanger closets. This opened floor space for other activities while it minimized dust-collecting surfaces.

Ultimate Compactness

Kitchens caught the brunt of the space crunch in the smaller houses of the early 20th century, and, along with other helpful marvels like gas stoves and electric appliances, built-ins were supposed to make up the difference. Purely utilitarian built-ins such as fold-away ironing boards got double duty out of precious space, but the hyper-compact centerpiece was the dining booth or breakfast nook. Whether the nook was a culinary version of the fireplace inglenook or was transported from the railroad world (some were called "Pullman Dining Rooms"), it was space saving to a fault. Facing benches surrounded a peg-legged table that often folded up for stowing. Seats typically opened into chests, and backs could even be built into linen or china closets.

Even bathrooms and bedrooms benefited from the built-in concept. In-wall medicine cabinets and tubs first appeared during the built-in heyday, but there were fold-up seats and built-in linen cases too. Disappearing beds, such as the famous Murphy In-A-Door bed, freed floor space during daylight hours while built-in dressing tables—actually a vanity and drawers flush in the wall—barely entered the room.

As with the Arts & Crafts Movement itself, World War I spelled a shift away from built-ins in their largest and most original forms. As tastes swung back to the familiar Colonial Revival during the 1920s, the once daring, squared-off lines of Arts & Crafts built-ins looked clunky. Even worse, being fixed-in-place they couldn't be retired to another room or house, so breakfast nooks and colonnades were simply pried out. Though actual Arts & Crafts built-ins faded from millwork catalogs by the 1940s, their concepts and convenience live on in the Eurostyle closets, diner booths, and high-tech entertainment centers that continue to serve us everywhere.



LINDA SVENDSEN

Plans for built-in sideboards such as this were widely available from publishers like William Radford. The faceted bay of the upper cabinet is an idea popular in Europe at the time.



ANDY OLENICK

By Kathleen Fisher

Window Shopping

Thinking of buying new double-hungs? The choices aren't necessarily clear.

Old wood windows are warm and beautiful, but they can deteriorate as the result of insect damage or from moisture on the sill or in joints. They should be inspected regularly for failure of paint or glazing putty.

If eyes are the windows of the soul, windows are the soul of a house. Old windows can be beautiful without a mountain or water view, stained glass, intricate leading, or gothic arches. There is nothing so pleasurable on a spring morning as gazing out my old double-hungs with their shapely muntins and wavy glass. So for as long as I possibly can, I'll putty and paint their divided lights, fill any rot with epoxy, and replace broken panes with old glass rescued from architectural salvage.

But situations arise when you need something new. Perhaps you're building an addition. Maybe your house has been remuddled with cheap aluminum windows that you simply can't look at any longer, or a tornado has ripped out an entire wall. What are the options?

The first contractor you call may push for vinyl replacements as though there is nothing else available. Not all historic districts require wood for every window. True, historic landmarks may demand not merely wood for every window but a certain shape and size of muntins. But residential historic districts may specify wood only for the first storey or for the windows facing the street. Don't let contractors kid you though. Nearly all big-window manufacturers offer wood windows with true divided lights.

Andersen, for example, this year has introduced a "Woodwright" collection of double-hungs in 99 different sizes, with the option of ordering custom sizes. "We're seeing a lot of interest in traditional home design, in both the new and renovation markets," says Paul Landgraf, an Andersen home improvement



ANDY OLENICK

Old glass gives a special perspective on the world. If your wood has deteriorated, a custom window-maker may be able to put the old glass in a new sash.

Many major window manufacturers offer wood windows with divided lights. Andersen's new Woodwright series offers a number of features, such as a taller bottom rail, intended to make them look more like old windows.



COURTESY OF ANDERSEN WINDOWS

marketing manager who developed the Woodwright series. Andersen has given their sashes mortise-and-tenon joints (rather than mitered joints), a taller bottom rail than found on most off-the-rack windows, and a chamfer along the check rail—all with an eye to making the windows look more like they belong in an old house.

The windows also have a wood jamb liner—the strip that runs up the side of the window pocket. Nearly all wood windows today have vinyl jamb liners that visually shout "new!" although Marvin Windows and Doors, for one, has recently narrowed its liners. Andersen's new line also offers true divided lights with several choices in the width of muntins.

Even buyers who opt for windows that are vinyl-clad outside want rich wood inside. You can now get interior finishes from Weather Shield in oak, mahogany, oak, maple, cherry, and fir.

No Mere Beauty Contest

These architectural choices are only the beginning when window shopping. As long as you're spending a lot of money—from hundreds to thousands of dollars per window—what else would you like to achieve? Is it mostly energy efficiency? Do they need to be easy to clean, block out sunlight that will damage furniture and carpet, or silence traffic noises?

If you have to replace a beloved old window, you have three choices: a full tear-out, a sash-pack kit, or an insert. A full tear-out means removing every part of the window—its mouldings, jambs, and sill—all the way back to the wall. It will be a messy and expensive process that damages wallpaper and plaster, so it may not be the best idea unless you're gutting your walls for other reasons. It may be one you want to consider, however, if your windows have been shrunk or moved by misguided remodeling, so that they are out of proportion historically or to the rest of your house's architecture. A sash-pack kit will give you new sashes and jambs (generally vinyl), while an insert is literally that—new sash inserted into your old wooden jambs.

In old houses, which are unlikely to be perfectly square, sash-pack kits can create problems with air tightness, says Tom Patterson, president of The Window Man franchise in Fairfax, Virginia.

He's a strong advocate of saving old wood windows and improving their energy efficiency and acoustics with storm windows (see "The Perfect Storms" page 85). As to sash-pack kits, he says, "If there is the slightest crown in the sill, you can have such a bad fit that you can see daylight off both ends." He thinks Trimline, a lesser-known window company, is ahead of the pack with its sash-pack kits because they have a more rigid frame, a noncompression jamb, and a caulkable window.

An insert is more likely to provide a good fit, he says, but you may have to forfeit a bit of glass in fitting the new window into its hole since you have to take the weight pocket into consideration.

You can get replacement kits with tempting modern features including tilt sashes for easy cleaning and low-E glass for energy conservation from large manufacturers, such as Weather Shield, or special-



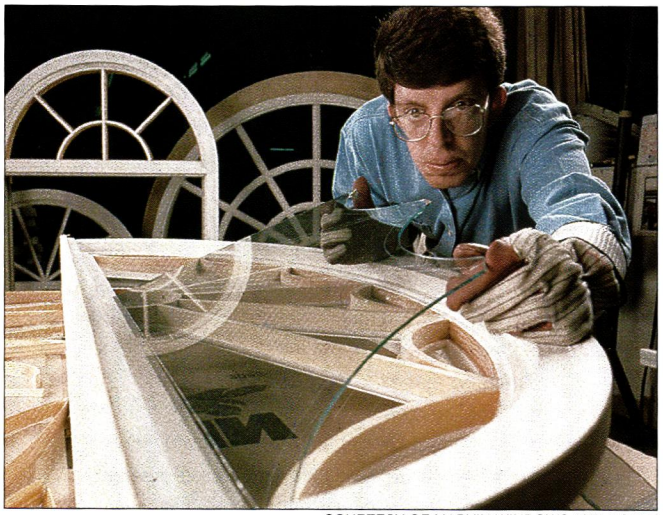
ANDY OLENICK

Unusual shapes and sizes, such as the curved windows in the 1889 Queen Anne-style John T. Howell House in Buffalo, New York, will need custom work. You'll want to compare prices of custom work offered by national manufacturers and by millwork specialists, who might actually be less expensive.

ists, such as Bi-Glass. If the tilt-in option is tugging on your heartstrings, you can buy special hardware called pivot sash.

Finding standard window sizes with any of these options is difficult for houses built before World War II, after which windows began to be sized in standard increments of 4″ rather than half inches. Many big manufacturers routinely offer custom sizes, but it costs more.

If you need special sizes and shapes, don't be afraid to shop the custom market, such as millwork companies. Blair Lee, president of Allegheny Restoration in Morgantown, West Virginia, says that while



COURTESY OF MARVIN WINDOWS AND DOORS

Some nationwide companies such as Marvin Windows and Doors primarily do custom work rather than offering off-the-rack sizes. Here a Marvin employee eases glass into a specialty window.

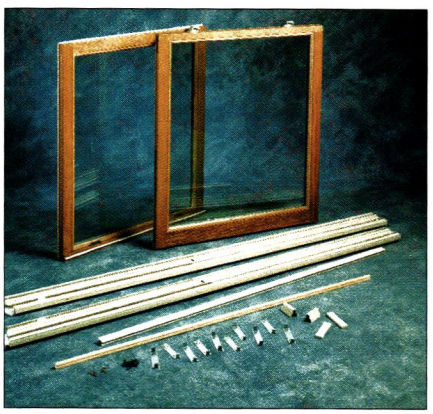
The Perfect Storms

Can't decide whether your old windows can be saved? The National Park Service has a useful document on repairing wooden windows. You can access it at www2.cr.nps.gov/tps/briefs/brief09.htm. Maybe your beautiful old windows don't look bad, but you need better sound or weatherproofing. Tom Patterson the Window Man in Fairfax, Virginia, urges most owners of historic houses to consider storm windows instead of replacements. "No windows being made today are as good as the old windows," he says. "For one thing, they were probably made of old-growth wood, which has tighter grain and is going to weather better." In addition, the rope-and-pulley assembly of an old window and the small divided panes are easier and less expensive to replace. The air space between an old window and a well-installed storm window creates better weather insulation than the argon or krypton in a double-paned new window, and Patterson notes that you can buy any thickness of glass in a storm window that you might purchase for a new window to reduce noise.

Mon-Ray offers four standard colors (cream, white, brown, and silver) and two profiles, so you have some options for a more historical look. Other makers offer more colors, or you can pay a premium price for a custom color.



JONATHAN HALE



COURTESY OF KOLBE & KOLBE

Replacement sash kits are a less messy solution than full tear-outs. Kolbe & Kolbe offers custom sashes with either 9/16″ or 7/8″ insulated glass and exteriors either primed for painting or clad with their "K-Kron" topcoat. Hardware is another decision you'll have to make in buying windows. These kits offer locks in white, beige, or brass.

For a Vermont farmhouse, architect Jonathan Hale kept design lines clean with single-glazed two-over-twos from Brosco because he likes their knife-sharp muntins. He then specified dark green paint applied on site to show the muntins against white curtains. The color was also appropriate to the age and region. He improved insulation with interior plexiglass storm windows.

A Well-Done Muntin

Even more than old glass, a well-proportioned muntin is the holy grail of old-house owners seeking to match windows. "Where can I get TRUE divided lights in Washington, DC?" a reader recently asked. If you can't get them in the big city, indeed, where can you?

Muntins, of course, are the grid of narrow wood bars that traditionally divided the small panes of glass that were homeowners' only options when window glass was first manufactured. (As opposed to mullions, which are the vertical posts that separate entire windows.)

The number of panes in windows decreased during the years as technology improved and larger expanses of glass could be made, but only in recent years, as year-round climate control led to permanently shut double- or even triple-thick windows, did single panes become the rule.

Depending on the age and location of the house, window sashes divided by wood muntins above, below, or both were long the rule—thus architectural terms such as "three-over-one" or "six-over-six." Now manufacturers are trying to mate consumers' desire for traditional-looking windows with their demand for the energy efficiency of double-thick glass. So far, manufacturers don't seem able to develop muntins that pass visual muster.

Instead they give us what they call grilles—patterns of wood strips that may be between the glass panes, or snapped inside and removable for cleaning. Double-pane windows with true-divided lights have aluminum or plastic between the muntins so that they lack the visual depth of old wood windows. Many manufacturers have simply given up and only offer true divided lights with single panes. This is just another factor to consider when shopping for replacement windows.

The size and shape of muntins can make a surprising difference in a window, and historically they varied by period and region. Below are "fat muntins" that architect Jonathan Hale chose for an 1880s Watertown, Massachusetts, house, which give the windows a strong architectural presence.





IMAGES THIS PAGE JONATHAN HALE

Above are some lighter muntins he picked for an 1840s Vermont house that let the gorgeous landscape do its own talking.

the company's custom sashes are a bit more expensive, they can actually be less costly when you need a specialty window involving something like curved glass. Allegheny has done jobs as far away as Massachusetts and Georgia.

A Comely Glass

OK, you've figured out jambs, check rails, and bottom rails. Now on to glass. Low-E glass, which reduces ultra-violet light and heat loss through conduction and radiation, has been a standard offering since 1981, but not all low-E glass is equal.

When you're buying new windows, you're likely to see a sticker from the National Fenestration Rating Council, which measures energy performance with three decimal numbers: the U-factor (the amount of heat that escapes), the solar heat gain coefficient (the blocking of sunlight), and visible transmittance (how much visible light comes through). You want the first two numbers to be low to save on heating and cooling costs. The third indicates more light coming through as it approaches 1.0.

These are good measures of "static thermal performance," says Patterson, but there is also an American Architectural Manufacturers Association rating, often used by wood-window makers. Their system looks at structural performance, air infiltration, resistance to water damage, and to forced entry. If you live someplace like the Gulf Coast, you'll need to factor in the extra cost of hurricane glass.

In addition, some low-E glass has a tint that clearly marks it as not historic. You can also choose a glass called heat mirror, which has a thin coating of silver, gold, or titanium to block the sun. Some people think it's more efficient, but it will be even more apparent visually and is inappropriate for a historic look.

If noise is a problem, you should ask about the acoustics of your glass. The numbers can be a bit tricky since they are exponential. One rated at 40 is more than twice as good as one rated at 20. Glass in the low



PHOTOS THIS PAGE COURTESY OF MARVIN WINDOWS AND DOORS



Marvin Windows and Doors put 40 windows in the 1875 Samuel Beach House in Branford, Connecticut, ranging from double-hungs of six-over-six and four-over-four in their original openings, double-glazed windows with true divided lights in a new kitchen wing, and a cupola with round-top windows reconstructed from an old photograph.

to mid 20s range is average, but if you get one rated 56, it will be the sound-dampening equivalent of a 12″ masonry wall.

If you want old, wavy glass, you can still get it. Patterson's dealership displays a window with old glass, which he says raised the price $300 per window. If your window wood is rotten but your glass is sound, consider having the old glass set into custom frames.

Millwork companies can also laminate tempered glass to old glass to make it less prone to breakage. Blair Lee of Allegheny Restoration cites studies showing that laminated glass has an insulation value as high or higher than insulated glass. "It has almost the same safety factor and sound properties, and that way you don't have to retrofit. You will have to upgrade your window weight system due to the added weight."

There's a world of windows out there. Don't settle for something less than your house deserves.

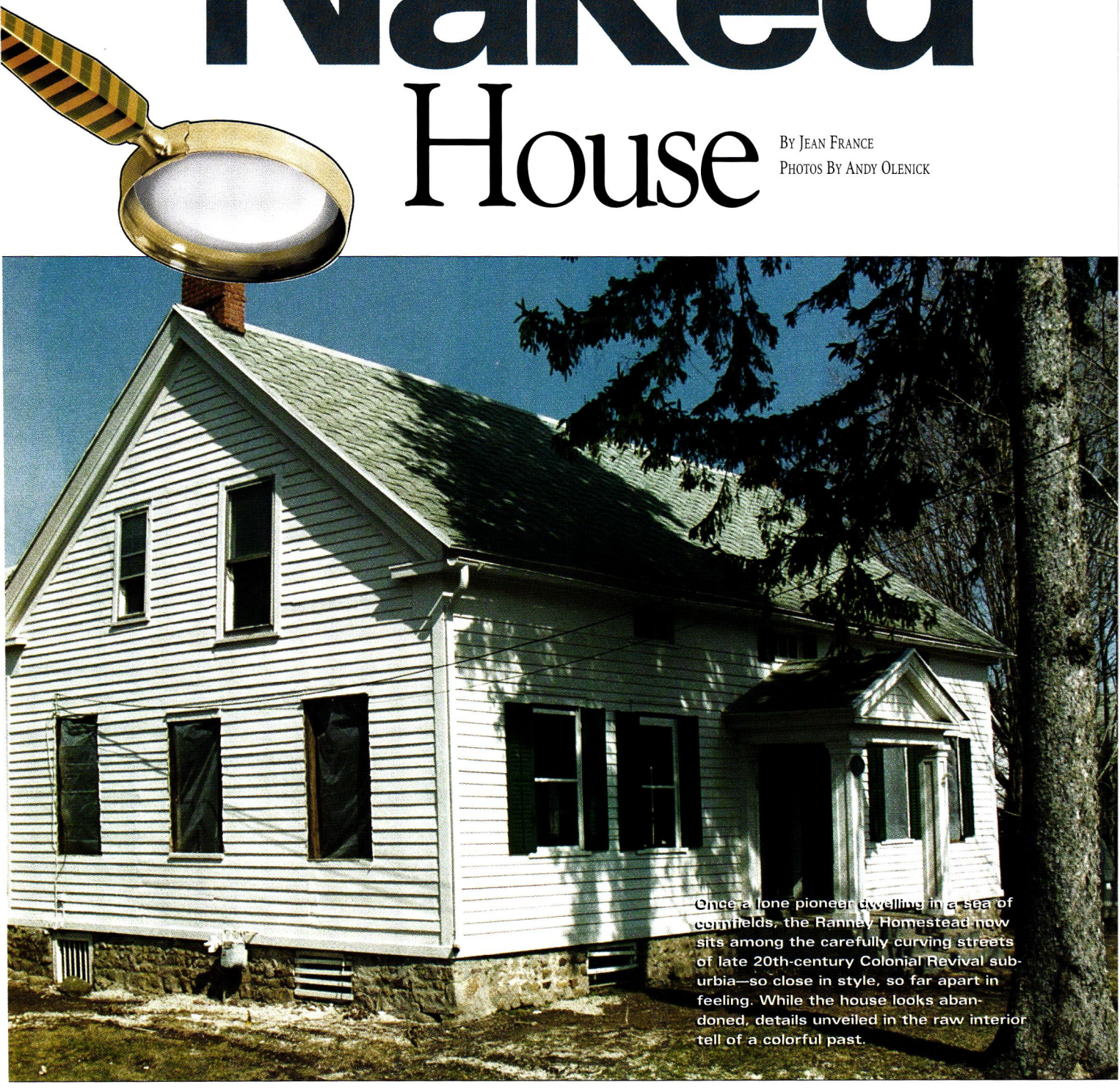
For a list of SUPPLIERS, see page 130.

MORE FROM OLDHOUSEJOURNAL.COM

For related stories online see "Pane Relief," "Shutter Do's and Don'ts," and "Windows in Detail." Just click to "The Magazine" section, and go to the alphabetical list of recent features.

The Bare Naked House

By Jean France
Photos By Andy Olenick



Once a lone pioneer dwelling in a sea of cornfields, the Ranney Homestead now sits among the carefully curving streets of late 20th-century Colonial Revival suburbia—so close in style, so far apart in feeling. While the house looks abandoned, details unveiled in the raw interior tell of a colorful past.

A Look at the basics of architectural investigations.



Trees from the farmer's own land were converted into floor joists. Viewed from the basement, it's easy to see the remaining bark—even a truncated twig.

Drowsing in the sun behind a tall evergreen, this old house in rural upstate New York is concealing a secret. To the casual passerby, the building is just another Greek Revival farmhouse, a lonely survivor of a vanishing breed, but don't let that quiet air deceive you. Beneath the modest outer cloak of clapboard siding and shingle roofing, this is a Bare Naked House.

Indoors, the walls of the house have been stripped of all plaster and wood finishes to expose the networks of framing, spider webs of wiring, and many other details of its makeup. Viewed from inside, the Bare Naked House has become an object lesson in early vernacular construction—an uncommon chance to physically investigate so many hidden parts at once that a group of local architectural historians and preservation specialists took the opportunity to study it. Shivering in the empty house on a midwinter day, they held a hands-on seminar examining every clue that might explain how the original builder put up his first home—clues that can help in identifying and understanding the origins and changes behind many other old houses from the early 19th century.

Frames of Reference

Historians call this house the Ranney Homestead, one of the oldest houses remaining in the town of Perinton, a suburb of Rochester. Built about 1830, this house was once the center of an extensive farm that raised crops for the active Erie Canal market. This part of New York was not settled until after the Indian Treaty of 1787. When the first settler came to this land, he was following the stagecoach road from Canandaigua to Rochester—a 30-mile stretch with few other inhabitants.

Working without factory-produced lumber or nails, the original settler put together this basic house before there were local architects or professional carpenters. He built in the simplest, most direct way by follow-

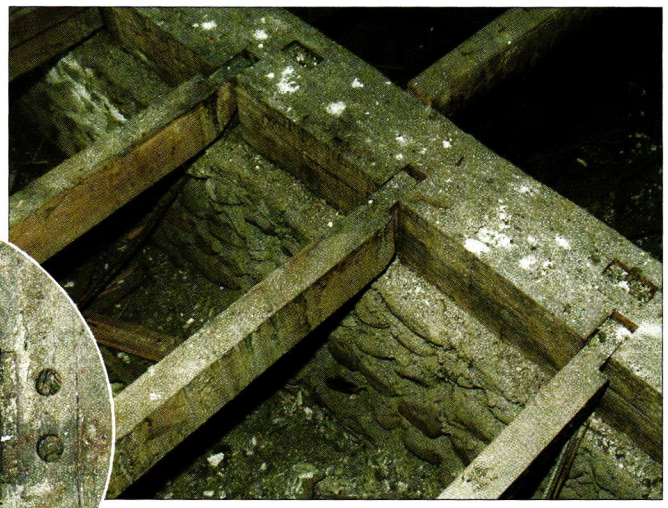


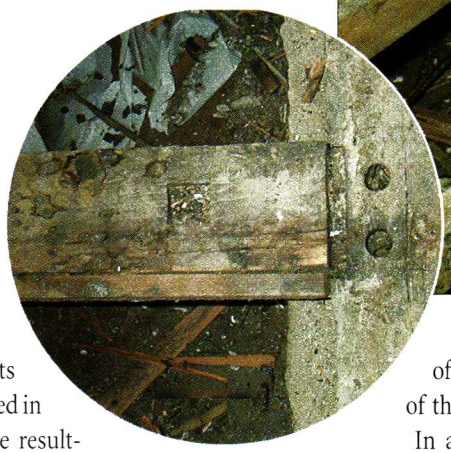
The hand-cut timbers of the original frame (in flaking white paint) contrast with the mill-sawn lumber from later building alterations—perhaps as early as the mid-1800s. Holes in the ceiling were left by stove pipes or another defunct service system.



From the front entrance, the Bare Naked interior reveals the first floor and staircase plan through the original paint on the ceiling near the door. Early beams are painted to match; later 2x4s contrast in both size and color. Also note how the early partition studs (left in photo) are mortised into the beam.

Right: Lighter, perhaps later, joists of sawn lumber rest on an intermediate beam in shouldered (stepped) housed joints; some houses also used dovetail joints. Inset: Holes bored through this mortise-and-tenon joint received the pins that held it together.





ing precedents that originated in England. The resulting house is an example of true vernacular construction—a functional, unpretentious building that displays the now-forgotten techniques employed and developed by the earliest settlers in the area. The "house detectives" found that the thrifty farmer used materials such as timber and stone obtained from his own land. Sawn lumber was expensive and had to be hauled in by wagon. Since the fields had to be cleared of trees anyway, why not put some of them to use?

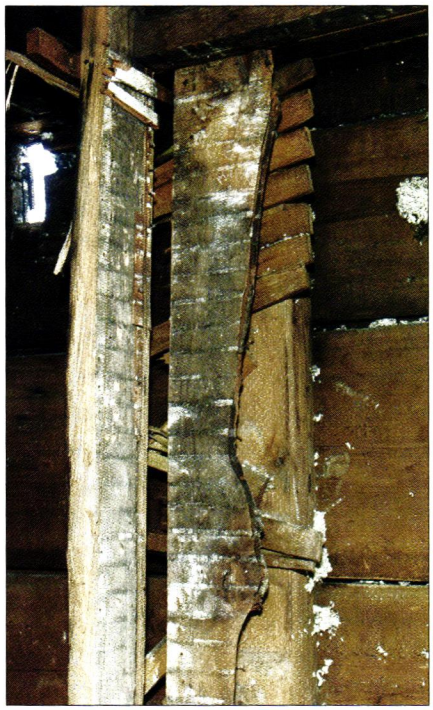
In a house that has gone through several building and alteration campaigns, the first interesting discovery was that the skeleton is a true timber frame—a system of heavy timber posts and beams held together with intricate mortise-and-tenon joints. The house detectives found that some of the earliest remaining floor joists are trees roughly dressed on one side with the rest of the bark left on—a common labor-saving practice where there was no need to see or cover the rest of the timber. In the Rochester area, the sawn floorboards in such early houses were often irregular in thickness, so another economical move was to plane them back at places where they rested on joists to make the finished floor surface as uniform as possible.

Another view of original first-floor beams shows how they are essentially trees left in the round except for the adzed top. Squaring at the ends allows them to be housed in a pocket in the sill.



Heavy corner posts and beams, roughly 12″ x 12″ in cross section, came from larger trees squared off on-site with hand tools. Early sawmills could furnish boards and smaller structural lumber, but, according to one expert, beams this size were commonly cut by hand. Using an axe, the farmer or carpenter would first score the side of the log with perpendicular cuts to a controlled depth. The farmer or carpenter would then switch to a broadaxe and hew the side flat. To hew the top he would stand on the log and work with an adze (a hoelike cutting tool). Pit sawing, a centuries-old method where two men hand-saw a tree into lumber, was uncommon in the Rochester area, according to one expert. Before circular sawmills appeared in the 1840s, however, there were powered mills that used an up-and-down sash saw that imitated human movement.

The original frame of the house was assembled from these handmade materials, and in places where the joinery has been altered it's easy to see how the pieces of the puzzle are held together. The "tongue" or tenon of one member fits into the socket-like mortise of another, and they are secured together with a drawpin—a construction technique just like that in the earliest me-





The Bare Naked interior exposed an original summer beam (top in photo) with mortises for a long-gone wall, but the beam still carries second-floor joists.

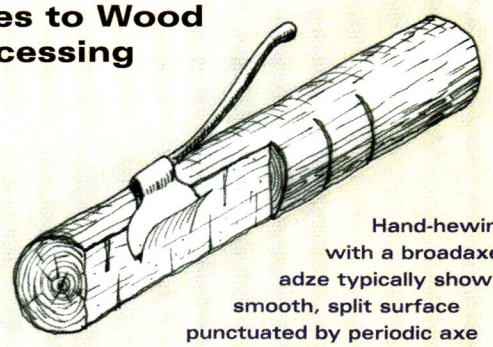
Left: Exposed studs still show the ghosts of plaster keys and scraps of lath. The irregular stud dimensions and the immense widths of the horizontal sheathing are indicative of early lumber.

dieval-style houses in New England. Subsequent structural repairs to floor joists clearly came later because there are lengths of "modern," regularly dimensioned mill-cut lumber. Between the wall studs it's possible to see the inside surface of the outer sheathing: rough-cut boards that vary in width as they might come from a sawmill in a rural area or before lumber dimensions were standardized. The boards show the marks of water damage and age—the mellow darkening of the wood as the tannins react with the air—along with hints of the saw blade marks that are characteristic of the method by which they were cut.

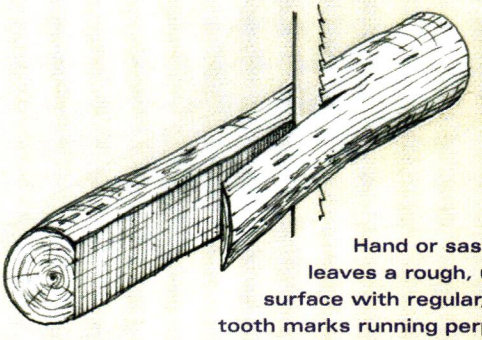
Beyond Wood

Using his own land as a source of materials, the thrifty farmer even built his foundation with stones culled from his fields. The foundation is laid in a cobblestone pattern of round, fist-sized stones with a raised ridge of mortar between each course—this is a vernacular masonry style that became popular just after the completion of the Erie Canal. The signs of brick masonry, however, are conspicuously absent. When one detective in the party questioned the lack of evidence of a hearth or open fireplace, another explained that in this part of New York State, open fireplaces were rare after 1825. This is the date the Erie Canal was completed, and

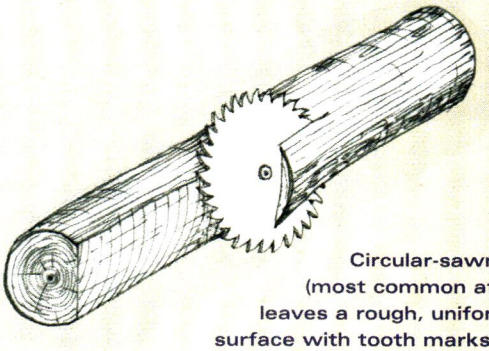
Clues to Wood Processing



Hand-hewing with a broadaxe or adze typically shows a smooth, split surface punctuated by periodic axe marks across the grain.



Hand or sash sawing leaves a rough, uniform surface with regular, straight-tooth marks running perpendicular to the grain.



Circular-sawmilling (most common after 1840) leaves a rough, uniform surface with tooth marks running in arcs.

ALL ILLUSTRATIONS ROB LEANNA

with the advent of this easy transportation system, cast-iron stoves quickly replaced inefficient open fireplaces for cooking and heating.

With the interior stripped bare, the house fabric also showed the effects of recent modernization. Truncated plumbing lines help identify the location of a 20th-century kitchen and bathroom. A clue to earlier plumbing appears as a circle of rough stones under the floor. Though now filled in, this was once the top of the original well.

Demolition of the interior walls exposed another type of informative building material: the wood lath that anchors the plaster. As building construction became more sophisticated through the 18th and 19th centuries, lathing evolved through four general types: riven lath (sticks split out of logs); accordion lath (thin boards sawn on two sides, then spread with a hatchet); split lath (boards sawn on two sides, then split into sticks); and fully sawn lath (wood sawn into regularly dimensioned strips). Fragments of lath clinging to a few posts appeared to be split lath, which fits the date of the building. In some cases, the posts retain the pattern of thin, white stripes—the "ghosts" of plaster keys that were forced through the splits. The type of nails attaching the laths could also suggest a general range of dates for when they were installed.

The investigating team could even trace a change in the floor plan. The stairway now leads up from the south door at the side of the driveway, but physical evidence shows that it once ascended from the front door facing the road. The team found paint on the underside of the second-floor flooring—indicating that originally the interior ceiling was not covered. This was particularly evident in the hall just inside the front door, where the ceiling paint covers the old beam, but not at the newer joists that parallel it.

Up the stairs, the second floor once held bedrooms. While there are full-sized windows at the sides of the house, typical Greek Revival frieze windows face the front. Testimony from those who lived in this type of house reminds us that these tiny, floor-level windows provided little light or ventilation—which was less than desirable in hot summers. Though they are no longer covered with the usual decorative tracery, the

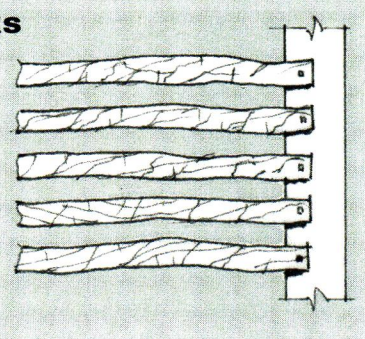
A circle of rubblestones marks the top of the original well. To its right stands a bit of the cobblestone foundation with raised-bead mortar joints. Inset: The same garden-variety cobblestone masonry also shows up on the foundation exterior.



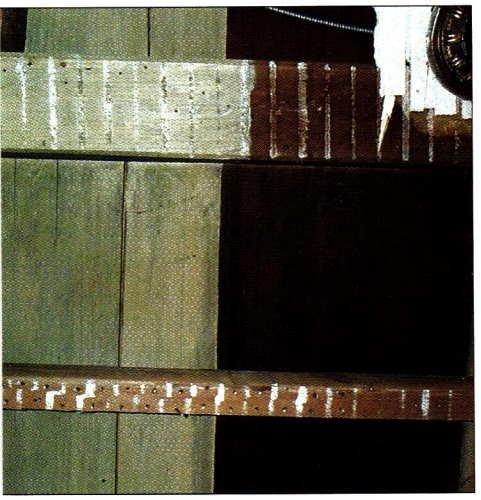


Wood Lath Benchmarks

The evolution of plaster lath from handmade to machine-made can add evidence about the age or changes apparent in an old house.



Riven (ca. 1725)
Strips hand-split from logs are uneven on all four sides with no saw marks.



A closer view of the stairway area highlights the telltale shift between original paint and later unpainted changes.

windows are, however, one of the few stylistic details of this modest house. The remaining building fabric hints that relocating the staircase also altered the bedroom layout at least once.

In the future, the Bare Naked House will take on a new suit of clothes to prepare for its next possible role as a residence or a cozy restaurant. The interior will receive new plumbing, wiring, and insulation to meet current standards before the walls are resurfaced and a new kitchen and bathroom are added. Maintaining their irreplaceable historic detail, the frame and exterior will keep their place as a town landmark as well as a real-life lesson in the construction of preindustrial houses.

Jean France is an architectural historian and former professor at the University of Rochester.

Nail Form Benchmarks

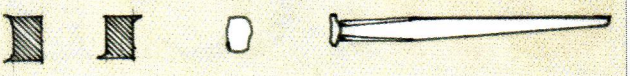
Nails have taken more varied forms as they evolved to their modern versions. Recognizing some major types can also help add historical context to old-house features.



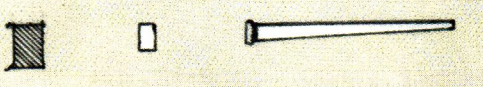
Hand-wrought nail (pre-1790)
Four or five facets on head, especially for "rose head" nails; all four sides tapered.



Early machine-made common nail (ca. 1790 – 1825)
Cut nail tapered on two sides with hand-hammered head. Edges show shear marks (section drawing).



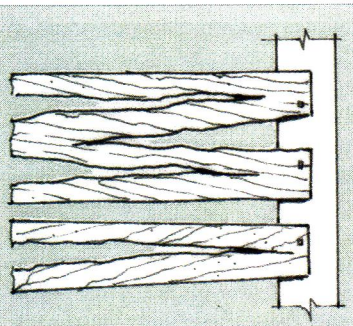
Early all-machine-made nail (ca.1815 – 1830)
Cut nail tapered on two sides with machine-hammered flat head. Rounded shank under head.



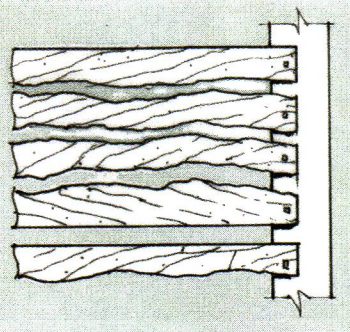
Common cut nail (ca. 1830s – present)
Cut nail tapered on two sides with uniform head, slightly convex on sides; blunt tip.



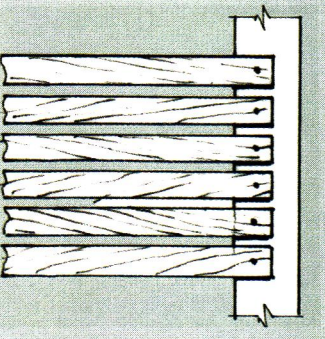
Modern wire common nail (ca. 1880 – present)
Round-shank nail manufactured from steel wire with machine grip marks under head.



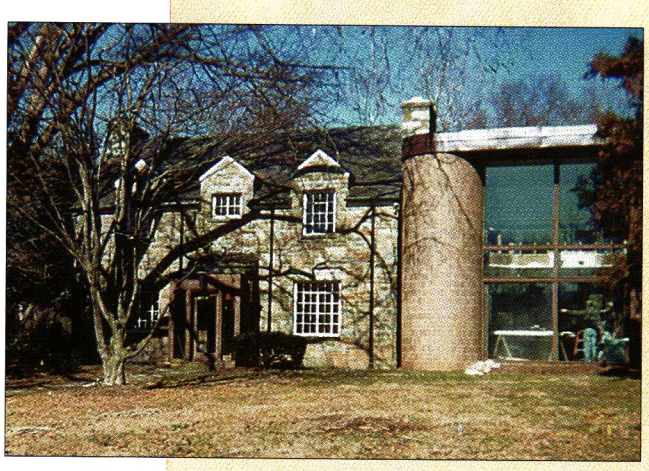
Accordion (ca. 1725 to 1825)
Thin boards are partially split then pulled apart while being fixed to the wall.



Split (ca. 1725 to 1825)
Thin boards are split into individual strips and then fixed to walls. Saw marks are on two sides.



Sawn (post 1825)
Wood is sawn into regularly dimensioned strips as long as 48" with saw marks on all sides.



Anonymous,
Washington, D.C.

INVESTMENT IN LAUGHING STOCK

To say that the 1970s Silo Moderne addition to this 1930s English Colonial lacked curb appeal is a serious understatement. Nearly the size of the original house and solid glass across the front, it was described by neighbors as "a public library" (*sans* books) and "a dumpster" (*sans* chicken bones). While the house had gone unsold for two years, its price was right for almost a half acre in northwest D.C. Contractors told the couple that the only thing that could

UnRemuddlings

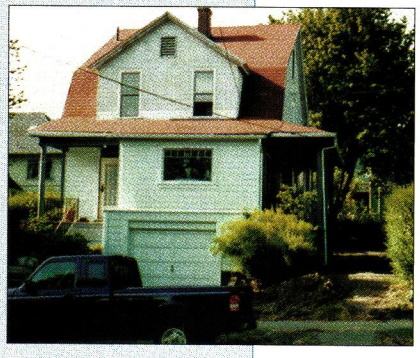
By Kathleen Fisher



Wade Freitag and Stacy Green,
Portland, Oregon

A SLAP IN THE FACE

This poor 1905 structure was granted only five years of life before it was remuddled with a "sunroom addition" that doesn't seem to have provided much sun but did obliterate the large front window and most of the porch and a garage that encroached physically on the front steps and visually on the front door. The owner then turned the home into a boarding house.



Fortunately, when Wade and Stacy bought the house in 1990 they found that the wood moulding removed for many of these "improvements" was stored in the basement.

Steve Backhaus,
Quincy, Massachusetts

PINKING, SHEARED

In 2001, Steve bought this 1905 house in Wollaston Hill, where President John Adams used to walk from his estate a half mile away. Because of the pink aluminum siding, he and co-owner Jay Dee called their abode "the pink marshmallow." They were also appalled by the porch enclosure but failed to find any photos of the original at the local historical society.

In 2002 they hired two friends to tear off the siding and paint the shingles underneath. They were amazed to find an arched doorway with mullioned windows next to the storm door. "We learned that if you start pulling pink siding off your house, you really start to meet your neighbors," Steve wrote. "One woman stopped to tell us that her aunt owned the home in the 1940s and that originally there were arches running along the entire front of the porch." The neighbor provided a photo from a cousin's wedding showing part of that porch (lower right). Using it as a guide, along with footprints of the original arches, Steve, Jay, and contractor friend Matthew Austin reconstructed the porch. Steve says, "The best part is that our friends have quit asking, 'Why did you buy that house?'"

PHOTOS COURTESY OF HOMEOWNERS EXCEPT WHERE NOTED

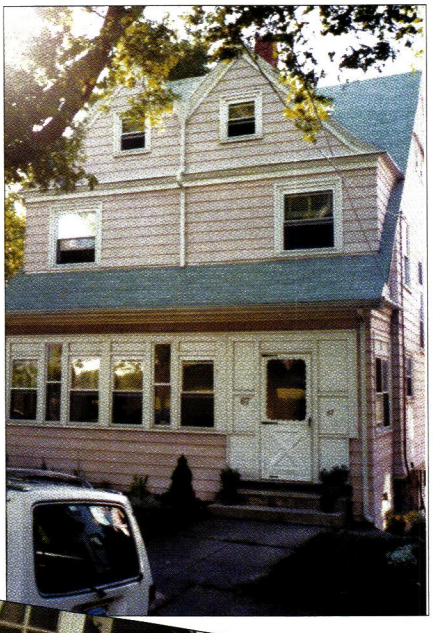


be done with the addition was to tear it down and start over, a too-costly option. The husband sketched an idea on the proverbial napkin, and an architect friend agreed there was potential in the basic structure. Using neighboring Tudors as inspiration, they designed a new façade and roofline. The silo—once serving as nothing more than a lengthy access to the master bedroom—was bumped out into a bay with a second-floor sitting room. "Surprisingly enough," say the owners, "little work was needed to the areas of large modern windows, beyond filling in with casement windows."

As a 30th birthday present to readers and ourselves, we asked you to tell us about some happy endings to your own personal Old-House Living sagas. Here are just a few.



ERIC ROTH







SUE ROOT BARKER / ROOT PHOTOGRAPHY

Robert and Denise Wood, Jacksonville, Florida

CAN WE KEEP IT? WE FOLLOWED IT HOME

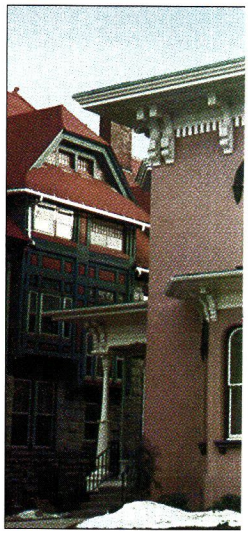
Robert is an attorney and Denise works for an architectural photographer whose husband is a loan officer. When they let Robert's boss's husband know they were looking for their first investment property (they'd honed their skills on minor restoration of their 1938 home), he thought of this repossessed 1920s house in a neighborhood just beginning to make a turn-around. Sided with asbestos, its porch had been enclosed during the 1940s or '50s and jalousie windows had been added. The previous owner had the right idea and had begun to tear off the porch when he ran out of money. So when the couple first saw the place in early 2002, it looked a bit like a hurricane had ripped into it. Yet like an abandoned puppy it stole the Woods' hearts. "Later we drove around

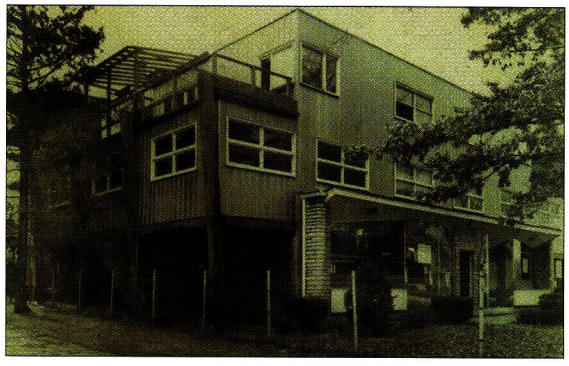


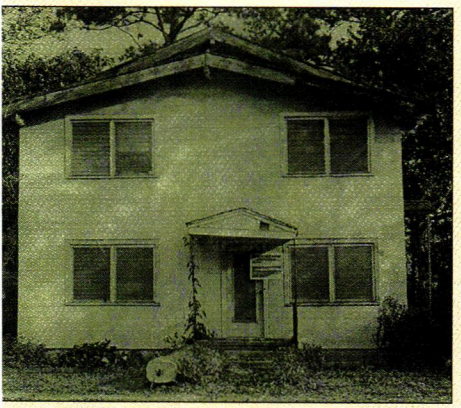
Marcia and Gloria Miele, Williamsport, Pennsylvania

THE HERDIC MENTALITY

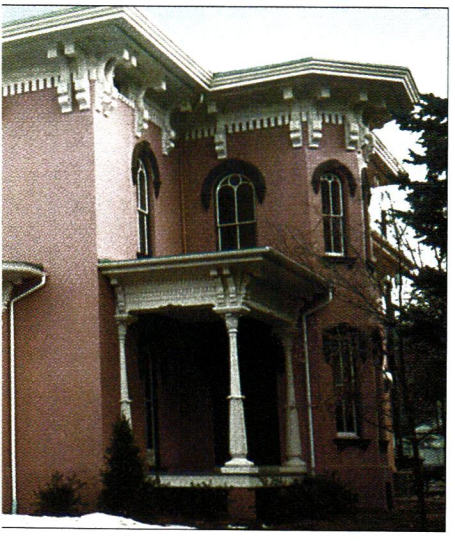
Millionaire's Row in this central Pennsylvania town was once seven blocks of stunning houses, but some of the most beautiful were torn down—or worse. In 1854 Peter Herdic, a lumber baron, built an Italian villa with ornate mouldings, acanthus columns, and a mahogany stair that curved three floors to a cupola. It remained a single-family dwelling until 1957 when it was converted into apartments with a lumbering addition for a TV repair shop. Twenty years later fire swept through, leaving it charred, water damaged, and vacant for seven years until a local man, Richard Lundy, began to mend it with



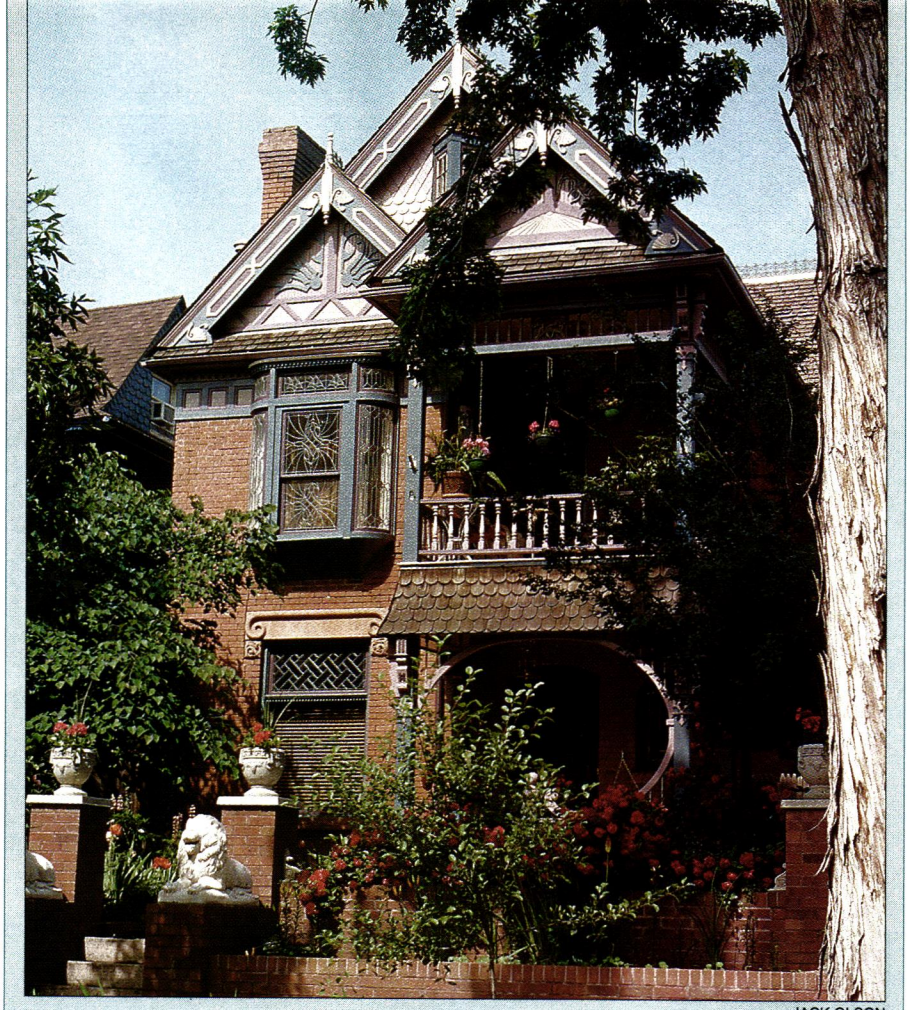




the neighborhood to look for ideas from other houses," says Denise, "but a lot of them weren't in good shape. We finally found one on the block behind us that helped us with the porch design." They were ready for a renter less than a year later. This past summer, the Woods were going out to look at another old house to rescue.



support from the Preservation Fund for Pennsylvania. Gradually, he persuaded Marcia and Gloria—who both own historic homes in Williamsport—that they should graduate from the café they ran and turn the house into a first-class dining establishment. They've now been running the Peter Herdic House restaurant for 19 years. Their 84-year-old mother, Daisy, does the baking. Marcia credits late decorator Sam Dornsrife for making the inside both lovely and authentic.



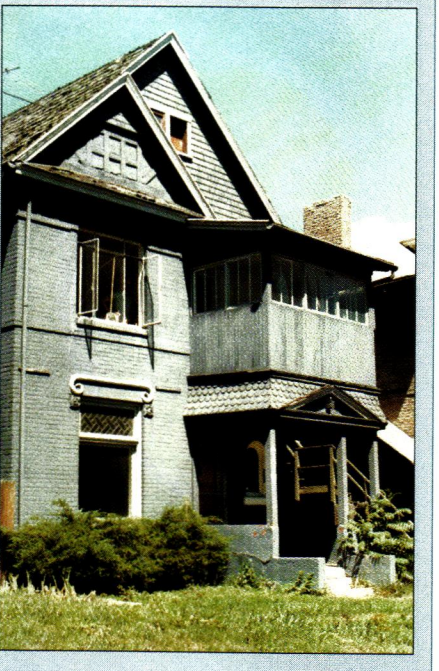
JACK OLSON

Greg Caruthers and Allen Metzgar, Denver, Colorado

GETTING HER GROOVES BACK

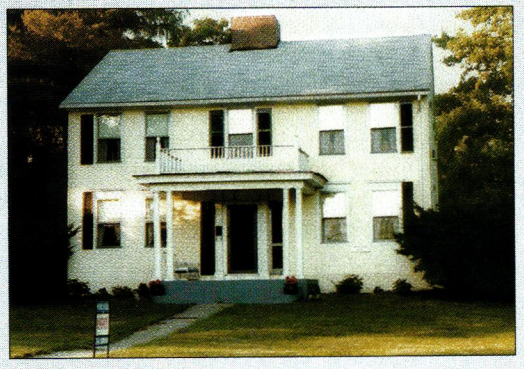
The 1890 Queen Anne that Greg and Allen bought in 1986 had been "updated" to a Tudor after a fire in 1920. The second-floor porch was enclosed to create a sleeping room that reminded Greg of a chicken coop. An oriel window was replaced by a steel casement window, probably around 1950. Like many of the homes in the neighborhood, it spent some time as apartments (five in this case). Although the most recent owners had set it on the road back to single-family, "All of the work was substandard, so we ripped out most of the 'improvements,'" says Greg.

They learned a few details about the house when a neighbor assigned his design students to research the history of the block, but Greg and Allen still had no photographs to guide their restoration. The battleship grey paint had to be stripped off chemically because the house was built with a soft brick common in Denver from the mid- to late 1890s, and the process revealed the ghost of the oriel window on the upper left. "We removed all the Tudor sauce that had been poured on," Greg says, "and replaced it with Queen Anne details we borrowed from surrounding houses. Most of the gables and porch details were borrowed from books. I photocopied and reduced features to the proper scale and pasted them on a photograph of our house." Greg did the detail work, including the stained glass.









Julia T. Bradley,
Cromwell, Connecticut

FORWARD TO THE PAST

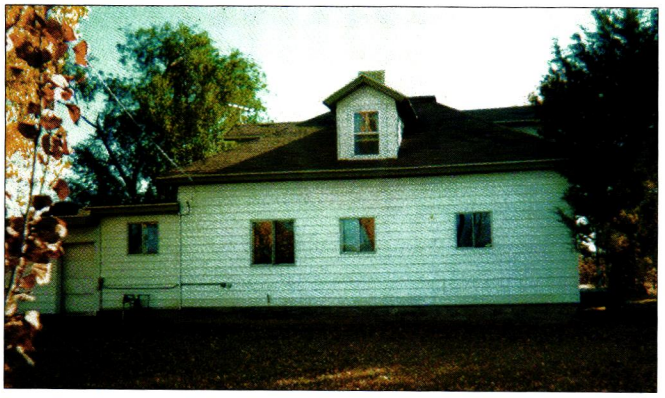
Julia started her letter by saying, "This will not be the most dramatic unremuddling you will get." That's why OHJ liked it. On first glance, the novice old-house lover wouldn't notice a lot of problems, except for the truly bizarre placement of the shutters. But wait! Doesn't that chimney seem painfully truncated? Doesn't the front porch seem a bit too overstated and large since—clue number one—it overlaps two of the windows? The Bradleys bought the house in 1985. The upgrades had been made in 1917, a year that would normally grant genuine old-house status, except that the original construction date was 1807. That means that the one-over-one windows were decades out of whack, for instance. Then there was the stucco cladding and the brownstone foundation painted to match.

Ten years later, they had a new chimney, restored clapboards, custom 12-over-12 windows, and a door surround rebuilt following the paint shadows under the 1917 porch. And those well-intentioned, almost 90-year-old porch columns didn't go to waste—the Bradleys used them for a pergola in back.

Adam J. Goetz,
Elwood, Utah

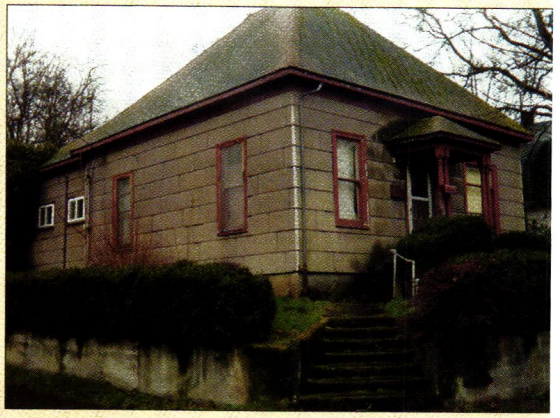
A ROCKY HISTORY

Adam always had a soft spot for the family home 70 miles north of Salt Lake City. His parents moved in when he was nine, and when he was in his early teens ("already an avid OHJ reader," he says) he obtained the oldest documented tax photo of the house from 1940 (lower right). He learned that the house had been built in 1900 by a Mr. Hill who used railroad ties to build the house so the walls are more than a foot thick. The original structure was 33´ square with one dormer on each side and doors with covered porches on three sides. In the early 1970s, squinty little aluminum windows replaced the wide-eyed wood ones, ceilings were dropped from 10´ to 8´, and mouldings and porches on the first level were removed. "My parents dropped the final ax when they had aluminum siding installed," says Adam. This removed what remained of the exterior moulding. His parents divorced and moved in 1980, but Adam continued to fantasize about returning the house to its original form. He would drive by and talk to the new owner, who wanted an outrageous price for the remuddled structure. In September 1999 he noticed that the house was both for sale and vacant, repossessed by the local bank. "Three and a half years later the Farm House, as we call it, is well on its way to a bright future with restored proportions and new dignity," he says.





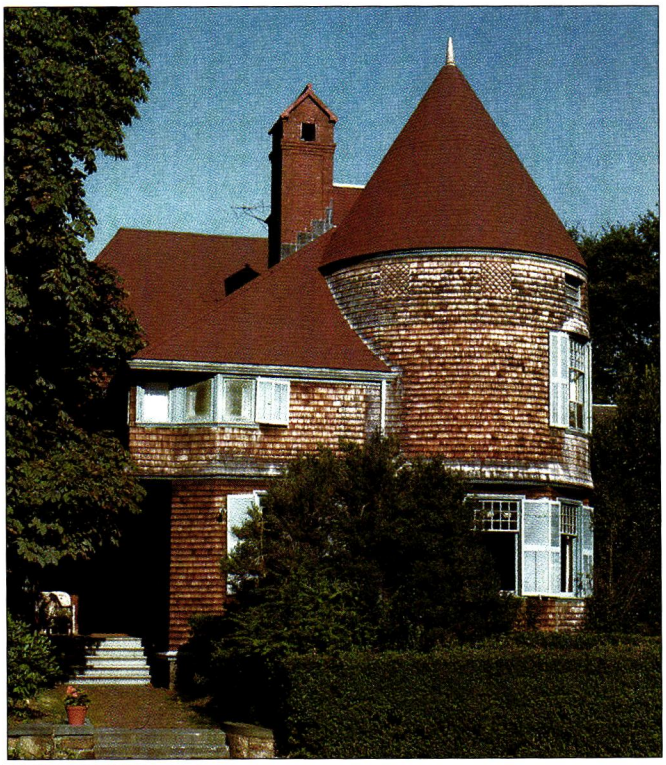




Diane Hurst,
Portland, Oregon

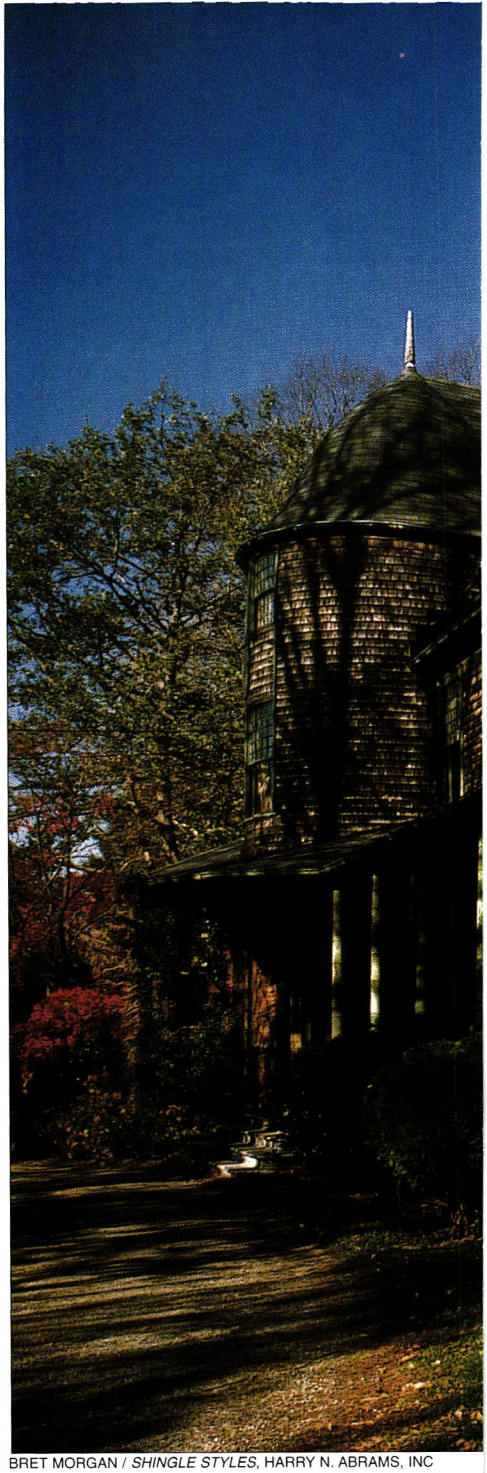
SWEET BOARDS OF YOUTH

Diane was only 18 when she bought her first house. She was inspired by a high school economics teacher who challenged his class to invest in something more lucrative than video games and funky clothes. She knew the money she had saved for college wouldn't get her through four years, so she took a construction class at the local community college. Nine years later she's owned 11 houses. "I have a special place in my heart for all of them," she says. "Some were 'tear downs,' but I was able to restore them and still make money doing most of my own work." This battered little cottage in Vancouver, Washington, was her fifth house. The court records for it were wiped out in a fire, but she believes it was probably built around 1910 and re-sided with pressed board shingles around 1950. When she stripped away the moss-covered and rotted siding she was surprised to find the original clapboards intact and in fairly good shape. "I ended up patching a small area with salvaged siding, and adding some trim, porch rails, and a new door," she says. "I spent hours scraping and priming; then I painted the whole house with just a paintbrush and a bucket of paint or two." After a year she sold it for a profit and then studied social work for two years. "But I decided I liked fixing up old houses more than anything I could learn in college," she says.



JAMES C. MASSEY

A complex interplay of geometric shapes and forms often runs under the uniform cladding of Shingle-style houses like the 1882 Skinner House by McKim, Mead & White. Note the subtle shingle patterning under the tower roof.



BRET MORGAN / *SHINGLE STYLES*, HARRY N. ABRAMS, INC

Shingle Vision

The Shingle-style house then and now.

By James C. Massey and Shirley Maxwell



BRET MORGAN / *SHINGLE STYLES*, HARRY N. ABRAMS, INC

In the Watts Sherman House, H.H. Richardson put an American spin on the English Queen Anne dwelling while introducing ideas like shingled walls and more horizontal and flowing interior space that later became Shingle-style hallmarks.



Though no single building is typical of the Shingle style, there are several masterpieces, and one is the Isaac Bell House in Newport, Rhode Island. Here McKim, Mead & White deftly interweave the expansive shingled exterior with the novel shapes of the tower, rounded piazza, and "cat's ears" gable ends.

Does it seem to you that shingles are suddenly everywhere you look? On old houses, new houses, rehabs and add-ons, in town and country, even at the lake and on the shore—it's shingles, shingles, shingles.

Your mind isn't playing tricks on you—shingles actually are more visible on today's housing scene than they've been for 100 years or more. In fact, shingled houses are presently enjoying an architectural comeback. If you're doubtful, just ask your internet search engine to find "Shingle style," and get ready to jump out of the way. There are more than 400 entries! You'll find brief but serious treatises on the origins and characteristics of the historical Shingle style, photographs of many of the best and earliest examples, neighborhood tour notes, and a multitude of illustrations and plans for new Shingle-style McMansions.

From Maine to the Hamptons to the Outer Banks, in Berkeley and San Francisco, shingled houses decorate American shorelines like silver-grey sculptures of weathered wood. And there are lots more, both old and new, between the two coasts as well.

The shingled house in America dates to early colonial times, when wood shingles provided an economical, easily renewed, weather-tight covering for small buildings that needed to withstand the rigors of wind and water. Shingle-style houses are a different story.

Scholastic Shingle

The term "Shingle style" didn't come into play until the 1950s, when Vincent Scully's ground-breaking book, *The Shingle Style: Architectural Theory and Design, From*



JAMES C. MASSEY

This 1880s house is Somerville, New Jersey, might have been a Queen Anne except for the Shingle-style treatment of the exterior. Curving the wall into the recessed, second-storey widow bay is a common Shingle feature. The distinctive tower owes much of its effect to the shingled surface.

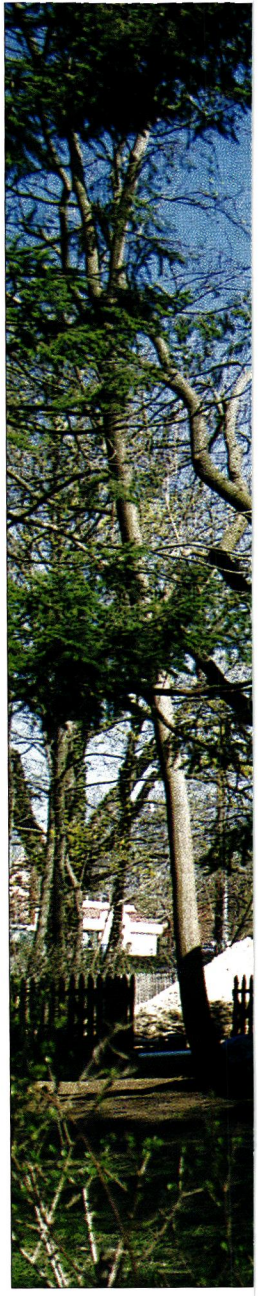
Richardson to the Origins of Wright, was published. Scully was the first scholar to make a serious study of what was then a not particularly popular architectural phenomenon—a building type that most of his contemporaries regarded as merely old-fashioned rather than old in a historically interesting way. The late 19th-century Shingle-style house that was inspired by the Colonial shingled house was far from a fashionable research topic.

Wood shingles, particularly cedar shingles, were part of a vast wood-building boom that followed the Civil War. Riding the crest of the Centennial celebration of American independence, Henry Hobson Richardson, an endlessly inventive Boston architect, brought shingles back into the architectural vocabulary of an appreciative public. His first big splash with shingles was not on a Shingle-style house, however, but on a Queen Anne mansion, the Watts Sherman House (1874-75) in Newport, Rhode Island. Richardson took some of the features of the supposedly medieval English half-timbered Queen Anne "cottage," which was strongly resurging in England at that time, added his own penchant for building in stone, and then wrapped them around an open interior designed to suit the needs and tastes of an affluent American family.

The Watts Sherman House impressed many of his contemporaries—as well as later scholars—with its innovative take on Queen Anne. The house came to be seen as a harbinger of what was hailed as the first uniquely American architectural style, the Shingle style. The wood-shingle and masonry house was impressive yet informal, as befit the summer retreat of a New York lawyer and his well-born wife (a Rhode Island Wetmore). Furthermore, the wood shingles that Richardson used on the upper walls of the house gave the architect an opportunity to play with texture and light in an intriguing new way.

The interior of the house expressed a distinctly American approach to domestic life as it was evolving at the end of the late 19th century. It moved away from the idea of a house as a series of self-contained spaces ranged about a stair hall. Instead, Richardson tweaked the medieval "great hall" concept—in which a large entry hall serves as a primary living space as well as a ceremonial entrance and stair hall—to come up with a large but welcoming space where family members and guests could congregate around a fireplace and cozy inglenook or move into other areas of the house at will.

Richardson's youthful employees, Charles Follen McKim, William Mead, and Stanford White, took their boss's ideas a step further when they set up their own firm. One of their early commissions—before the advent of Newport's oh-so-classical Beaux Arts period—was the Newport Casino



Above: Many Shingle-style houses are architect designed. This 1890 house by F.L. & W.L. Price outside of Philadelphia shows how the informal, ground-hugging appeal of high-style examples could be brought to a more suburban scale.

PHOTOS THIS PAGE JAMES C. MASSEY



Left: The innovative concepts of the Shingle house fit the goals of the young Frank Lloyd Wright, who built the original wing of his Oak Park home and studio in the style. The ribbon of windows is a Shingle idea that became stock-in-trade with Prairie School architects.

BRET MORGAN/ *SHINGLE STYLES* HARRY N. ABRAMS INC



After 1900, the wave of grand, seaside Shingle-style house had crested, but its influence continued to ripple through to the mainstream. This St. Davids, Pennsylvania, house is evidently built from a plan by architect E.G.W. Dietrich offered in *Ladies Home Journal* in 1904.

JAMES C. MASSEY





Left: Central heating may have made the open floor plan viable, but the large hall pioneered by Richardson is what made it work. At Naumkeag, Stanford White have the staircase and nearby rooms flow freely from this central space.



Left: Architects working in the Shingle style also found a felicitous shape in the double pitch of the gambrel roof. In the 1893 Dart House by Stone, Carpenter & Willson in Providence, Rhode Island, the top of the end wall is extended in a way that plays up the roof and recessed shingles in the storey below.

JAMES C. MASSEY

(1879-81), a lively playhouse with great screened piazzas, a central courtyard, a blend of Colonial and Japanese decoration—and, of course, acres of wood shingles on the outside.

As the Newport social scene moved out of hotels and into the homes of summer residents, McKim, Mead & White also capitalized on what we now know as the Shingle style for private residences. Their design for the Isaac Bell House (1881-83) in Newport is regarded as the epitome of the style. A contemporary critic pegged it, pretty accurately, as being a "modernized Colonial style." Its multigabled façade is beautifully balanced but not symmetrical; its curving porches suggest days of leisure deeply savored; its many large windows with tiny panes of glass whisper of antiquity; and fish scale shingles cover every inch of the exterior except for a low first storey of brick. Inside, the big rooms flow seamlessly through one broad opening to the next, with enormous pocket doors to close them off at will; and all around, there is a feast of tasty decorative details drawn from Japanese and English Arts & Crafts sources. In other words, it was a thoroughly lovely, modern 1880s house.

Before moving away from the Shingle style, McKim, Mead & White also won praise for their lighthearted, sophisticated design of another summer house, Naumkeag (1884-87), in Stockbridge, Massachusetts, as well as for the three-storey shingled tower addition at Kingscote (1880-81) in Newport where they installed a glorious new Arts & Crafts dining room on the first floor and made other needed amenities on the upper floors.

From the 1870s onward, the Shingle style was kept in motion for several decades not just by McKim, Mead & White, but by a list of America's finest architects—Bruce Price, Wilson Eyre, Will Price, John Russell Pope, William Ralph Emerson, and others. During its heyday, the Shingle-style concept spread far beyond the East Coast. The

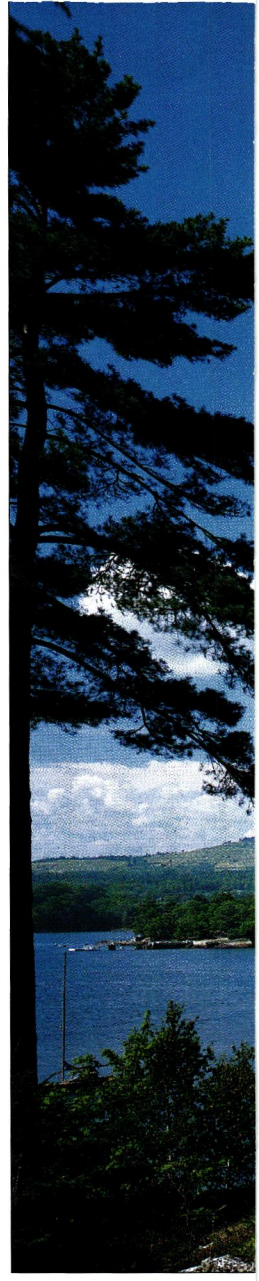
young Chicago architect Frank Lloyd Wright picked up on the idea of open living spaces and a shingled exterior for his own home and studio (1889-94) in Oak Park. Wright's houses became legendary for their organic designs, in which the house seemed an integral part of the earth it was built upon, as well as for their strong horizontal lines and open-floor plans that brought the outdoors inside—qualities that the Shingle style embodied too.

On the timber-rich West Coast, shingles were an obvious architectural choice. Ernest Coxhead, A. C. Schweinfurth, Bernard Maybeck, Julia Howard, and others used shingles to stunning effects on houses, churches, and women's clubs. And, of course, Charles and Henry Greene's Arts & Crafts masterpiece, the David Gamble House (1908-09) in Pasadena, California, is a shingled wonder.

Shingle-Style Influence

Is every shingled house a Shingle-style house? Where does Colonial Revival end and Shingle style begin and Arts & Crafts take up? The answer to the first question is simple: No. The answer to the second is at least a book or two beyond the scope of this article.

The typical Shingle-style house, though it often has Queen Anne, Colonial Revival, or Arts & Crafts decorative details (such as multi-paned casement windows or



Picturesque shingles became passé by the 1930s, but their appeal started to rebound in the 1960s with architects like Charles Moore and Robert Venturi, who sought new realms for residential building. This understated house by Venturi & Rauch is in—where else?—Nantucket.



JAMES C. MASSEY

Ample, informal, gambrel-roofed houses from the turn of the 20th century like this straddle the line between Shingle style and Colonial Revival, but the investment in new cladding and other details is clear evidence of a shingle renaissance.



BRIAN VANDEN BRINK / SCHOLZ & BARCLAY ARCHITECTURE

MORE FROM OLDHOUSEJOURNAL.COM

For a related story online, see "Shingles Club." Just click to "The Magazine" section, and check out the alphabetical list of recent features.



More than any other recent building trend, shingled houses have brought back the tower and distinctively shaped or grouped windows—focal points in large façades of stone and shingle that blend the house to the site.

BRIAN VANDEN BRINK / ARCHITECT MICHAEL QUINN FAIA OF QUINN / EVANS ARCHITECTS

bright tilework), is distinguished by horizontal lines, massiveness, broad porches, and stout towers, and shingles from roof to foundation that create the sheltering effect of a huge wooden umbrella. Inside, the house is the modern in its openness and general informality and charms us with its lighthearted yet seriously beautiful ornament. It is big and important without being formal or pompous.

The Shingle style's popularity in Newport, Rhode Island, and elsewhere waned as new money brought the marble mansions of the Beaux Arts period. Just as the aftermath of the Civil War ushered in the rise of the Shingle-style era, the advent of World War I saw the end of its best days.

Still, the life hadn't quite gone out of the Shingle style. It resurfaced in the 1930s in designs such as the National Forest Service's Timberline Lodge on top of Mount Hood, Oregon, in the 1950s in the California Bay area in houses by Joseph Escherick and others; and reappeared, with quirky variations, in the 1970s in Nantucket, Massachusetts, and New York houses by Robert Venturi and Robert A. M. Stern.

And it's with us still—or again. Its generous, comfortable shell and open interior speak as eloquently to Baby Boomers and Gen-Xers as they did to the old Newport crowd.

In fact, the wood shingle itself as a surfacing or resurfacing material, which was scorned as too expensive, hard to find, install, and maintain, seems also to be enjoying a return to favor in certain quarters as builders and rehabbers opt for authenticity at any price.

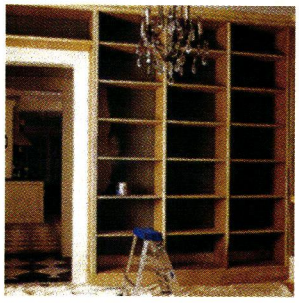
The Shingle style, it has been said, makes one think of old money. It also makes one think of stability and, as George Howe Colt in a recent memoir of a beloved summer home on Cape Cod (*The Big House, A Century in the Life of an American Summer Home*) tells us, of "an unchanging place in a changing world." That's good enough for most of us.

Contributing editors ***James C. Massey*** *and* ***Shirley Maxwell****, the authors of* House Styles in America *among other books, have been OHJ's resident architectural historians since 1984.*

ADVERTISEMENT

A Dining Room You'll Really Use

An affordable built-in bookcase in this Shingle-Style House makes the difference

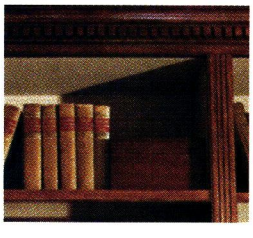


As contemporary lifestyles demand more flexibility in the layout of the home, the traditional function of nearly every room in the house is changing, especially the dining room. The owners of this *shingle-style* house, for example, found that they were using their dining room as a home office and study as much as a place to eat and entertain. So they decided to fill one of the room's blank walls with a bookcase that would give the room the feel of an intimate library but wouldn't look out of place when dinner was served.



Rather than install an expensive solid mahogany bookcase, the owners chose medium-density fiberboard (MDF), a strong, affordable alternative to solid wood, for the frame and shelves. They trimmed the bookcase's exposed edges with stock wood moldings selected at a local lumberyard. To achieve the luxurious look they wanted without busting their budget, the owners turned to Minwax®.

First, the bookcase interior was painted taupe to match the dining room walls and to "frame" the books and decorative objects to be placed on the shelves. Then came the piece de resistance: the bookcase facings—as well as stock dentil crown molding and baseboard that wrap around the entire room—were stained with Minwax® Wood Finish™ Red Mahogany. Lastly, three coats of Minwax® Fast-Drying Polyurethane Satin were applied to protect the surfaces—and to add a soft, luminous topcoat. The completed bookcase expands the room's function in a style both up-to-date and rich in tradition. Which is what this dining room is all about.





MINWAX®

Self-Defense For Wood





For long-lasting protection against the elements, use Helmsman® Spar Urethane.

Harsh weather conditions are always on the attack. So arm your wood with the superior protection of Minwax® Helmsman® Spar Urethane. It's a tough, clear finish formulated to beautify and protect wood. Special ultraviolet absorbers defend against fading. And special oils allow Helmsman® to expand and contract to avoid cracking and chipping that occurs with seasonal temperature changes. From winter blizzards to torrential downpours to scorching summer sun, make sure your wood fights back – with the protection of Helmsman® Spar Urethane.

minwax.com

MINWAX®

Makes And Keeps Wood Beautiful®

©2002 Minwax Company. All rights reserved. ®Minwax and Helmsman are registered trademarks. Circle no. 126

ARROW®

ET200™

DRIVES 4 SIZES OF NAILS WITH NO EFFORT

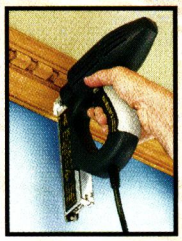
- Comfortable Ergonomic Styling with Cushioned Non-Slip Grip.
- Trigger and Surface Safety Locks.
- Non-Marring Bumper.

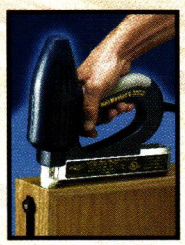
DRIVES 4 DIFFERENT SIZE BRAD NAILS UP TO 1¼" LONG

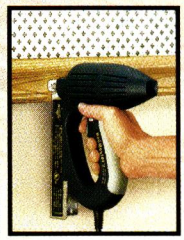
SURGE POWER 14 AMPS



- New Heavy Duty Nail Driving Power with Built-in 10' Cord.







Available at home centers, lumber yards and hardware stores, wherever fine tools are sold.

ARROW®

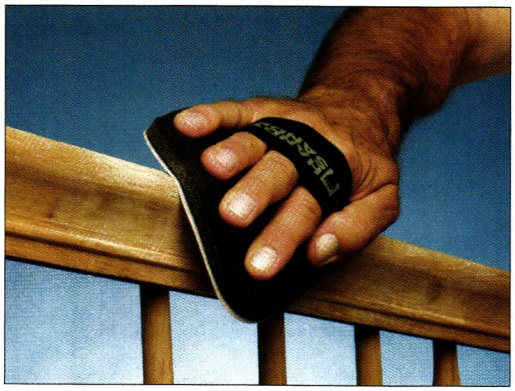
Arrow Fastener Co., Inc., 271 Mayhill Street, Saddle Brook, New Jersey 07663
Canada: Jardel Distributors, Inc., 6505 Metropolitan Blvd. East, Montreal, Quebec H1P 1X9
United Kingdom: Arrow Fastener (U.K.) Ltd., Unit 5 ZK Park, 23 Commerce Way, Croydon CR0 4ZS, Surrey
www.arrowfastener.com Rev.1002

Old-House Products



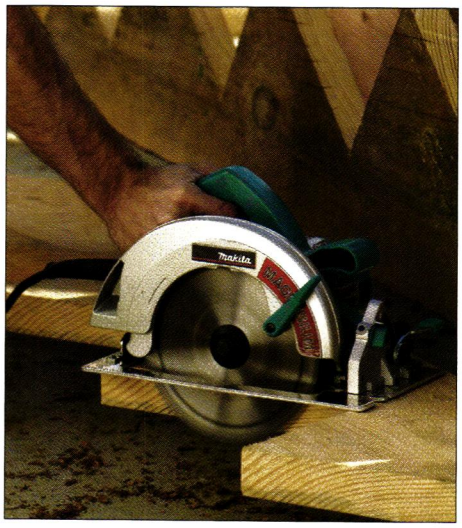
Long Distance Service

Black & Decker has moved into the remote control market with its new "Freewire" system for hands-off control of indoor and outdoor lighting, small appliances, door locks, and camera monitors. The company promises mere minutes of set-up for such conveniences as turning off the downstairs lights when you're upstairs in bed, or turning them back on if you decide you need a midnight snack. If you come home after dark juggling a sleepy child or groceries, you can turn on the front porch light and unlock the door by pushing a button on a key-chain device. Freewire comes in kits that range in price from the door lock and lighting kit at $140 to a messenger hub and key chain remote at $35. Call (800) 544-6986 or visit www.blackanddecker.com. Circle 7 the on resource card.



Palm Pilates

There's something sensually satisfying about hand sanding a fine old baluster or carved moulding. But 1) it can be rough on your hands and 2) curved and otherwise uneven surfaces can make the sandpaper quickly disintegrate. The Handy Sander is a foam pad that makes a more pleasant business of erasing splinters and fine scratches from prized woodwork and extends the life of the sandpaper as well. Its hook-and-loop fastener speeds changing the paper when it does wear out or when you need a different grade. A wood combo pack that includes 80-, 120-, and 240-grit paper sells for $5.99. Replacement kits with one piece of each or three of one grade is $2.99. For more information call (800) 381-8622 or visit www.handysander.com. Circle 8 the on resource card.



A Finer Filter

Need to get a better bite on carpentry chores? Makita's new Mforce 7 1/4" x 24-tooth carbide-tipped blade features a unique M-shaped tooth design with six cutting surfaces and a two-pointed tip. The tooth face is beveled and has two 10-degree angles that shear rather than chip the wood. By having two cutting points, says the manufacturer, each tooth combines the clean finish of a 48-tooth blade with the speed of a 24-tooth blade, and provides more surface contact and greater wear than other blades the same size. Suggested retail price is $9.95. For more information call (800) 462-5482 or visit www.makita.com. Circle 9 the on resource card.



Happy Feet

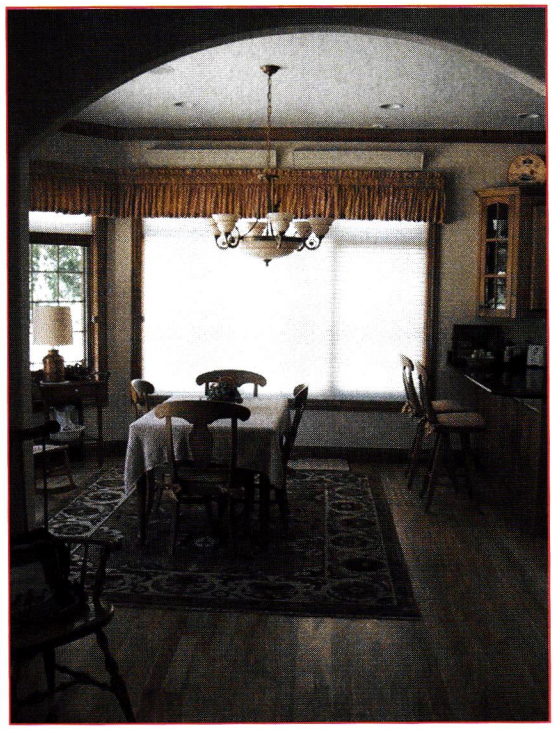
Want warmer tootsies next winter? REHAU aims to one-up radiant heating installation with its new Raupanel system. The system (which consists of polyethylene pipe, aluminum panels, and wood return bends) is only 5/8" thick, so it adds less to floor height than other systems. Lighter weight means shorter installation time and less need to add structural support. Extensive use of aluminum allows heat to transfer more efficiently with the water set at a lower temperature, and flexible pipe spacing makes the system adaptable room sizes and configurations. For more information contact (800) 247-9445 or visit www.REHAU-NA.com. Circle 10 on the resource card.

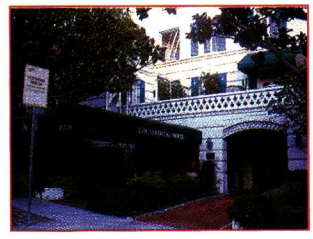


Circle no. 78

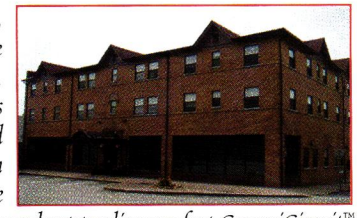
CeramiCircuit™ Infrared Radiant Panel Heaters

The Preservationist's Choice For "The Ultimate In Comfort Living"





The Colonial House is a California Cultural Landmark located in West Hollywood. This elegant 17 unit condo has been the home to some of the most famous of all Silver Screen greats, both past (into the 1920's) and present. The ease of installation, low amperage requirements, and the unrivaled comfort of the CeramiCircuit™ Infrared Radiant Panel Heating System made it the perfect choice over many options considered.



Located proudly on the town square in Elizabethtown, KY, The Huddleston House has seen history parade before its doors since well back into the 1800's. Included in the National Register of Historic Places it is now in use as a senior living facility. The need for supplemental heating required an installation sensitive to the historic nature of the building while still providing modern virtues of economical operation and outstanding comfort. CeramiCircuit™ Ceiling Cove Heaters were the choice for the job.

- *Economical Operation*
- *Easy Installation*
- *Silent & Dependable*
- *Room by Room Control*
- *No Drafts or Cold Spots*
- *Low Temperature Element*

Radiant Electric Heat, Inc.
www.electricheat.com 1.800.774.4450

Radiant Electric Heat, Inc.

Circle no. 483

SAVE TIME & MONEY • INCREASE PRODUCTIVITY

Damaged Screw Remover

OVER 1,000,000 SOLD!

X-OUT® Damaged Screw Remover
MADE IN THE U.S.A.

Eliminate frustration, increase profitability.

Extracts No. 6-14 screws—including specialty heads...

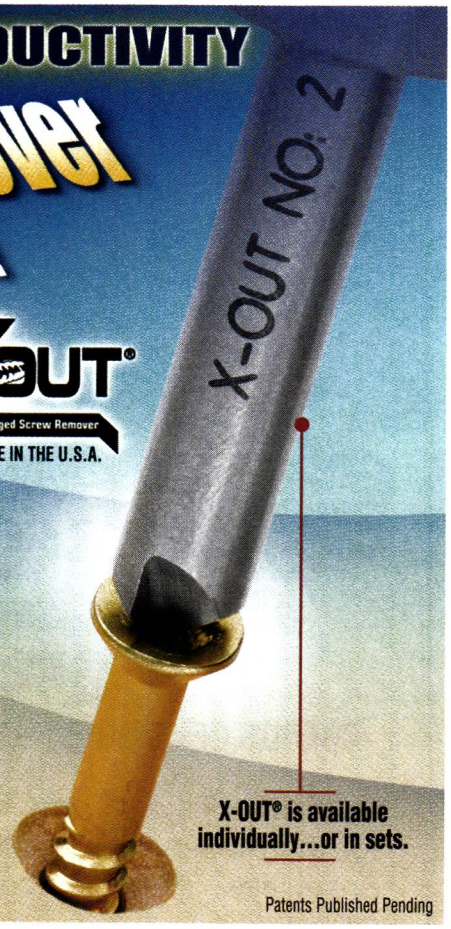
Remove fasteners made of various alloys, *including aluminum & soft brass screws.*

X-OUT® bites onto damaged screwhead and extracts the fastener quick and easy.

As simple as a screwdriver.

Chuck **X-OUT®** into drill...or use a 1/4" end for hand-held screw-drivers.
Push, turn and simply extract the fastener.





X-OUT® is available individually...or in sets.

Patents Published Pending

Order Today! Toll Free 1.800.832.5336

From the makers of Drill-Out®...

Alden Corporation

P.O. Box 6262 • Wolcott, CT 06716 USA
Tel. 203.879.4889 • Fax 203.879.6097
www.aldn.com • email: alden@aldn.com

Circle no. 289

Your metal roof need painting?

Here's RAPIDRI®

a new, acrylic, water-based paint that can be applied by spray gun, roller or brush

Repainting an old metal roof is never any fun, but Follansbee's new RAPIDRI acrylic, water-based metal roof paint will take most of the hard work out of the job.

First of all, RAPIDRI can be applied by spray gun or roller - no need for a brush - and it dries within a few hours after application. That means your finish coat can be applied the next day.

Best of all, RAPIDRI will protect your roof for many years. Proof of that - it's the same type of paint used to coat metal in heavy industrial areas where the corrosive conditions are severe.

RAPIDRI is available in 12 attractive colors and can be purchased through your local roofing materials distributor or direct from Follansbee.®

Make the job of painting your roof an easier one. Call us toll-free at 1-800-624-6906 and learn more about RAPIDRI.



If you're planning a new home or replacing your present roof, Follansbee's TERNE II® (you may remember it as "the old tin roof") will fit well with your roofing plans. It's charm is ageless, evidenced by its extensive use by architects and builders on modern homes and as a restoration material. The old tin roof has been part of our history since colonial days and TERNE II® carries that tradition into the next century.

For more information, call us toll-free
1-800-624-6906

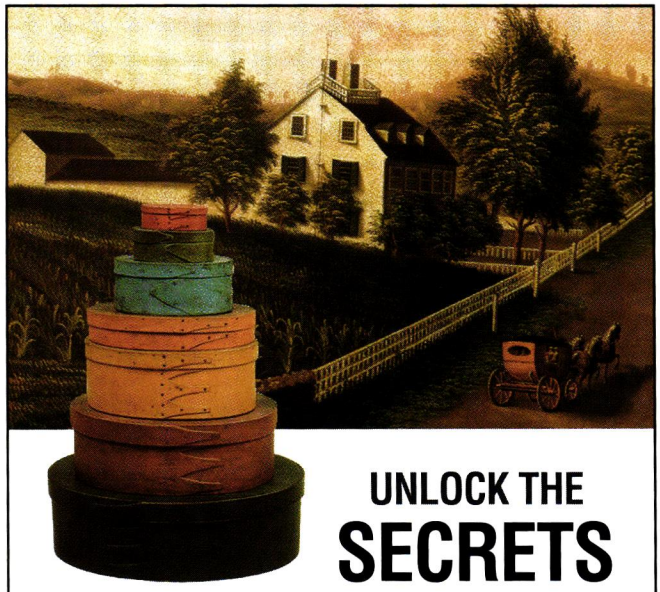
FOLLANSBEE

FOLLANSBEE STEEL • FOLLANSBEE, WV 26037
FAX 304-527-1269

Visit us on the Website:
www.follansbeeroofing.com

Our E-Mail address:
info@follansbeeroofing.com

Circle no. 93



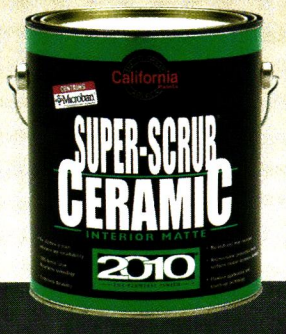
UNLOCK THE
SECRETS
OF THE PAST WITH THE
HISTORIC
COLORS OF AMERICA® COLLECTION

California Paints® and The Society for the Preservation of New England Antiquities (SPNEA) curators and conservators have won national attention for unlocking the secrets of how historic paint colors originally appeared before being altered by time, sunlight and weather. Historical preservation organizations around the country are praising this palette as the most accurate representation of historic colors available. With the California Paints' Historic Colors of America Collection you'll discover an accurate vivid palette derived from historic buildings and painted objects.

THE COLORS OF California Paints AMERICA

"It's perfect paint."

Tint your historical color choices in 2010® Super-Scrub® Ceramic interior paint for that ideal combination of historical accuracy and real world durability. See you local California dealer for a demonstration today.



www.californiapaints.com

Circle no. 340

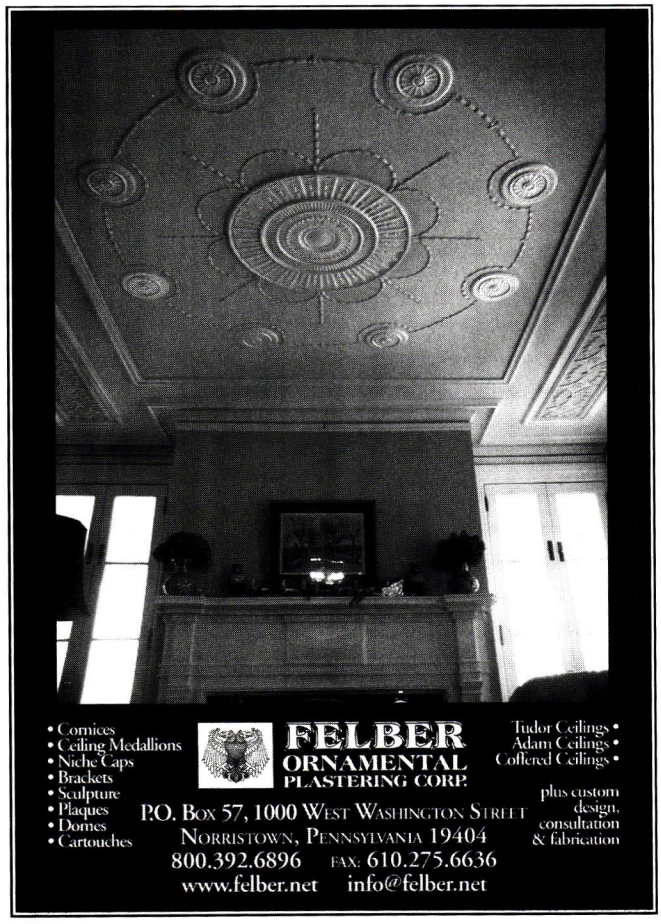


Clawfoot Supply

Acrylic Clawfoot Tubs
Shower Rings and Rods
Cast Iron Tubs
Pedestal Sinks
Lav Sets and Faucets
Add-A-Shower Kits

Shop our full color website:
clawfootsupply.com

Toll Free: 877.682.4192
Fax: 859.431.4012
www.clawfootsupply.com



• Cornices
• Ceiling Medallions
• Niche Caps
• Brackets
• Sculpture
• Plaques
• Domes
• Cartouches

FELBER
ORNAMENTAL
PLASTERING CORP.

• Tudor Ceilings •
• Adam Ceilings •
• Coffered Ceilings •

plus custom design, consultation & fabrication

P.O. Box 57, 1000 West Washington Street
Norristown, Pennsylvania 19404
800.392.6896 fax: 610.275.6636
www.felber.net info@felber.net

Circle no. 152



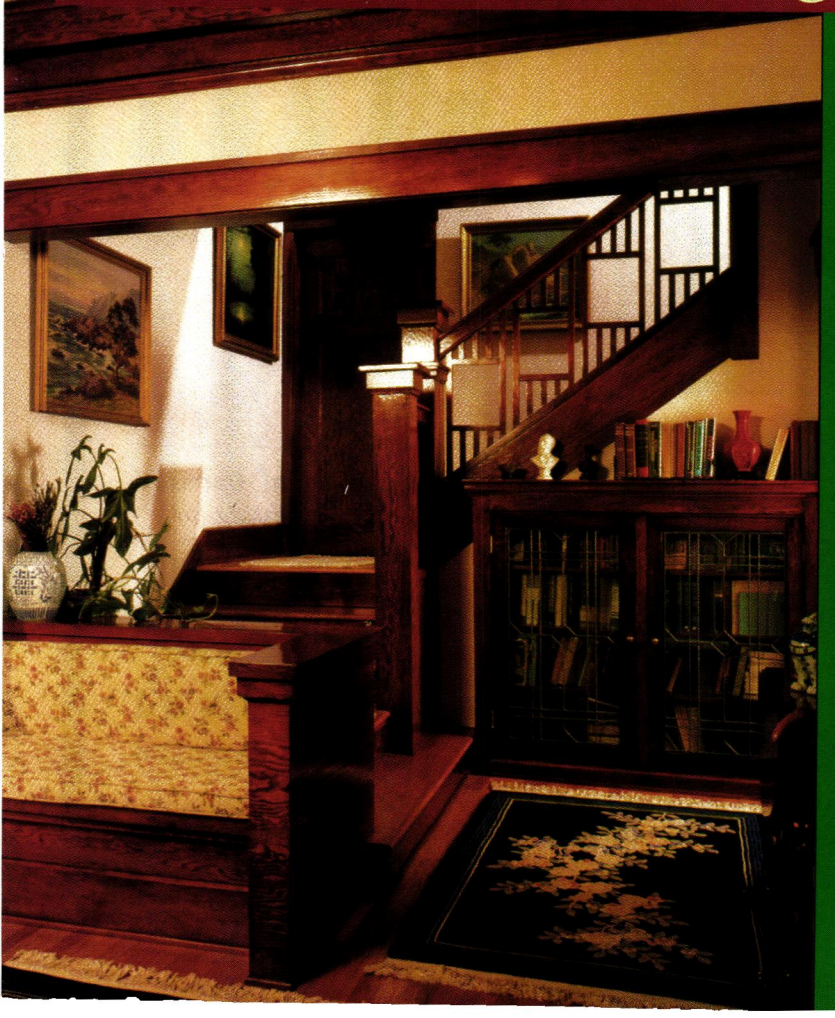
When you subscribe to *Old-House Journal*, you have the resources you need to transform an overlooked older house into a beautiful point of pride in the community.

Each issue of *Old-House Journal* gives you instant access to expert restoration tips, easy-to-follow instructions, and dazzling details for homes of every style and era. Advice from real-life renovation enthusiasts clues you in to potential problems, innovative solutions, and offers the insight you need to create a successful working environment.

Whether you're looking for authentic and reproduction architecture resources, preservation techniques, building materials, services, or tools, *Old-House Journal* is the

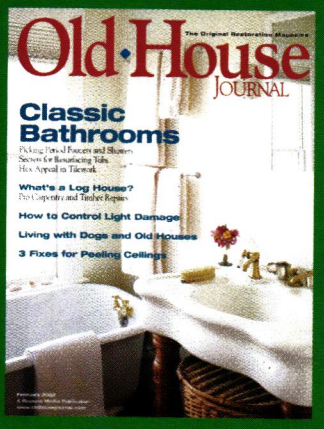
Old·House JOURNAL
www.oldhousejournal.com

Celebrate the Past While Investing in the Future.



place to turn. It's a wealth of information that helps you to realize your home's potential.

MAKE YOUR HOME A MONUMENT TO THE PAST AND A MODEL FOR THE FUTURE.



Subscribe to
Old-House Journal

Call 800.234.3797, or visit us online at www.oldhousejournal.com

100 years defines an antique...

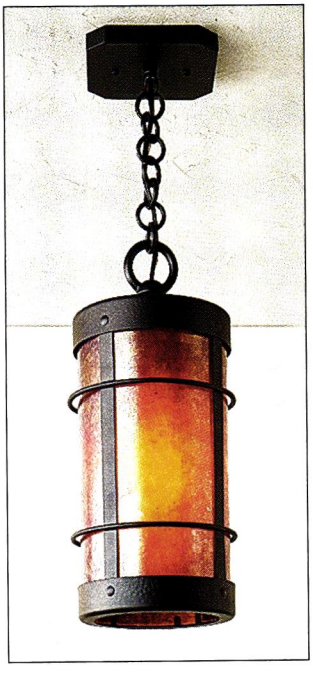
FRAMBURG

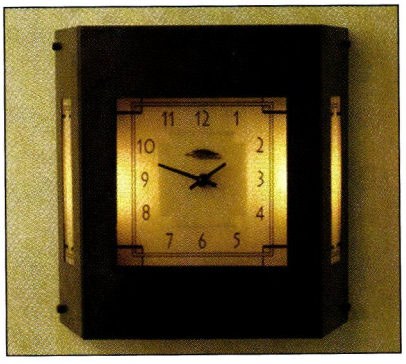
SINCE 1905
Made in the U.S.A.

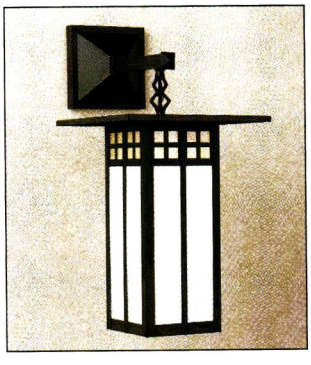
800-796-5514 *framburg.com*

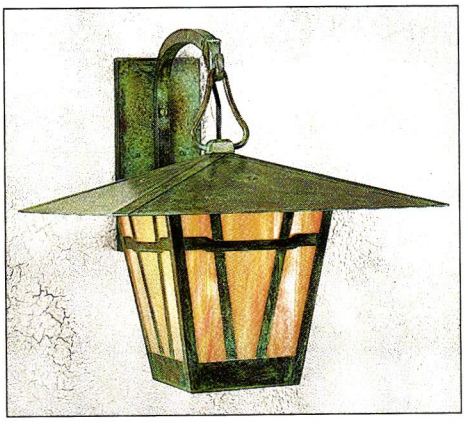

from the Cottage collection

...enjoy the wait.









We have been creating original American Arts & Crafts inspired lighting for nearly twenty years.

ARROYO CRAFTSMAN®

website: www.arroyocraftsman.com

4509 Littlejohn Street, Baldwin Park, California 91706 • phone 626-960-9411 • fax 626-960-9521
For catalog and showroom information call 888-227-7696

Circle no. 175

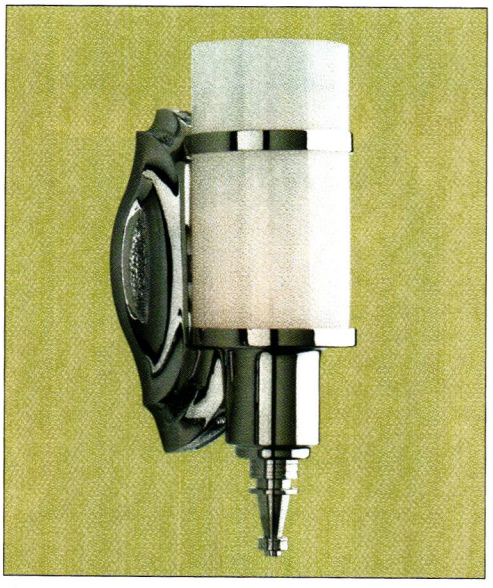
OLD-HOUSE JOURNAL'S INTERIOR LIGHTING DESIGN

Whether it's the selection of a dramatic 17th-century chandelier for the dining room, or a subtle Art Deco sconce for that almost-hidden spot in the hallway, lighting decisions can prove to be some of the most critical in an entire restoration.

Great lighting breathes life into a home. When done well, it will draw conversation, encourage relaxation, enhance dining, and foster romance. Add the challenge of historical authenticity and the bar is set very high indeed.

Sometimes it's obvious what the room is calling for, and the challenge is simply finding it. Other times the answer is more elusive, and research and consultation are in order.

Whether you're energized or intimidated by the task at hand, the lighting companies featured in this section offer the perfect starting point.

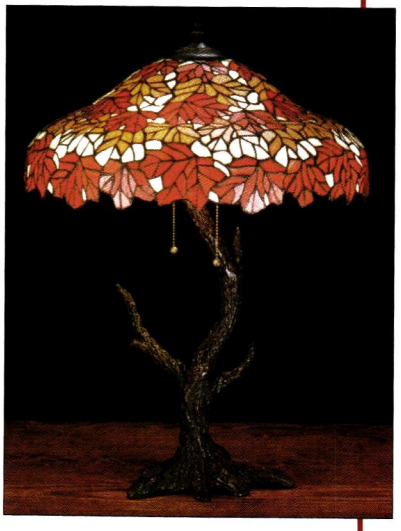


REJUVENATION

Mixing Art Deco, Art Moderne, and Streamline elements, the Vernonia wall bracket was found in many stylish bathrooms of the 1930s and 1940s, often paired on either side of a mirror. It's available in 12 different finishes, including Polished Nickel as shown. Glass can be white opal or clear frosted, and a rotary switch can be installed on the canopy. The Vernonia is from Rejuvenation's Modern America Collection, which includes Art Deco, Streamline, and Atomic Age designs. To see and learn more about Rejuvenation's period-authentic lighting, request a free catalog by calling (888) 343-8548, or go to www.rejuvenation.com. Circle no. 105

MEYDA TIFFANY

Meyda Tiffany, America's leading manufacturer and designer of decorative lighting, offers more than 3,500 vintage home lighting and decor styles. Art glass lamps, chandeliers, walls sconces, stained glass windows and fireplace screens, outdoor lanterns, and more. Pictured is the Autumn Leaf art glass table lamp with the Apple Tree Base. (800) 222-4009. www.meyda.com. Circle no. 292





KING'S CHANDELIER

Since 1935, King's Chandelier Company has designed and manufactured beautiful chandeliers and sconces and sold them to the public at affordable prices. The company's creations include 17th, 18th, and 19th century reproductions, as well as original designs, many trimmed in Swarovski Strass crystal. To view the complete lines of traditional all-crystal and Victorian gas reproduction fixtures visit www.chandelier.com. In addition to King's chandeliers, sconces, and candelabra, the web site contains information on the cleaning and care of a chandelier and guidance on how to choose the proper size. For a color catalog ($6), write to Dept. OJ, PO Box 667, Eden NC 27289 or call (336) 623-6188. Circle no. 172

Produces Light Equal to a 60-Watt Bulb

$229.95 Value

Now, with Prepaid Freight, Only $129.95

Aladdin®

Beauty. Style. Function Since 1908



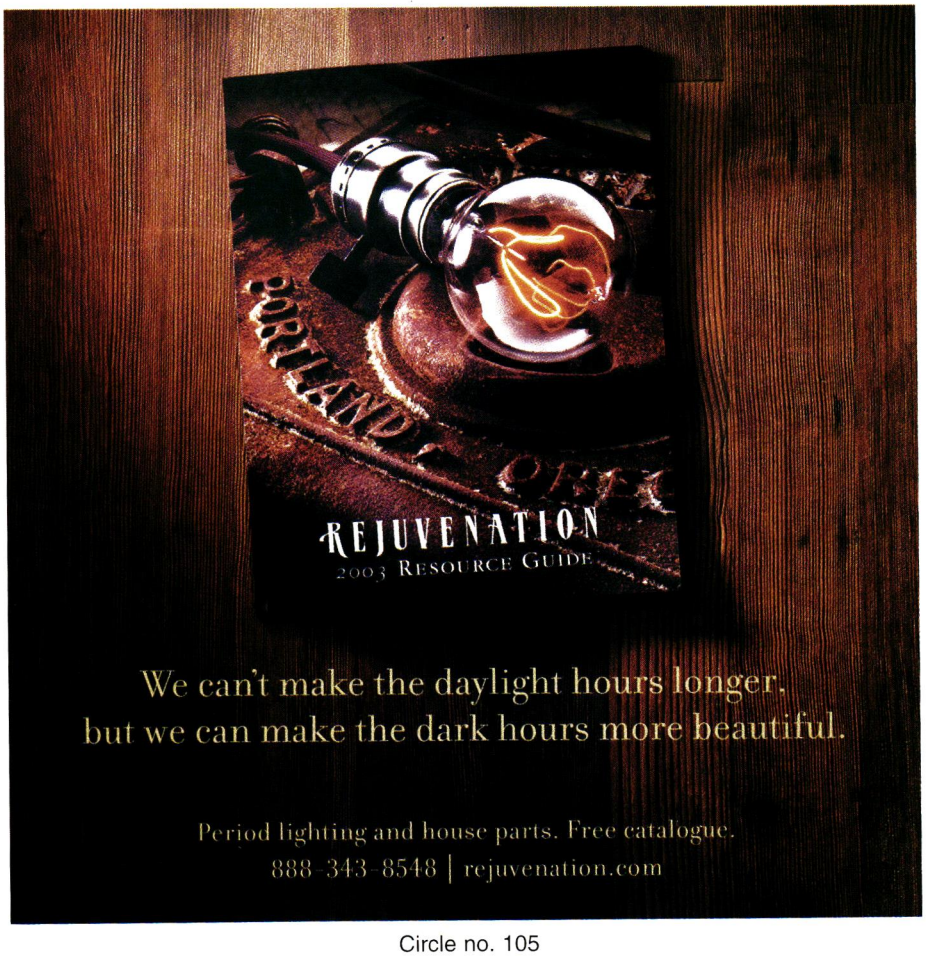
For nearly a century, Aladdin Mantle Lamps have represented the finest quality incandescent oil lamps made anywhere in the world. Today, Aladdin's unique and stylish design complements any décor. From blown glass and polished brass bases, to hand-decorated shades and solid brass burners, the look and function of Aladdin Lamps is unequaled. Providing light equivalent to a 60-watt bulb, Aladdin Mantle Lamps are useful for emergency lighting and heat or as a centerpiece for a romantic evening. Order one today to start a family heirloom or to add to your collection.

The Heritage Lamp Collection (shown here) is available in both Kerosene or Electric Models in Solid Brass, Bright Chrome and Brushed Stainless. Shades are available in Opal White, Ruby Red, Emerald Green, Cased Amber and Twilight Blue.

To Order Call Toll Free 1-866-818-6935

The trademark ALADDIN is used under license from Aladdin Industries, LLC

Circle no. 453



We can't make the daylight hours longer, but we can make the dark hours more beautiful.

Period lighting and house parts. Free catalogue.
888-343-8548 | rejuvenation.com

Circle no. 105

Everything You Expect From OLD-HOUSE JOURNAL... **And More**

OLD-HOUSE JOURNAL Online

Dedicated to restoring America's treasured old houses, OLD-HOUSE JOURNAL *Online is your best source for restoration and renovation products, how-to information, house plans, industry news, and community chat.*



<www.oldhousejournal.com>

RESTORE MEDIA, LLC

Old·House JOURNAL

OLD-HOUSE JOURNAL'S INTERIOR LIGHTING DESIGN



VICTORIAN LIGHTING WORKS

Victorian Lighting Works' finely handcrafted solid brass classic gas-style chandelier, with exquisite etched glass shades, would enhance any Victorian décor. For more than thirty years Victorian Lighting Works Inc. has been doing just that, making high quality Victorian and Turn-of-the-Century replica chandeliers, wall sconces and pendant fixtures—one at a time, by hand. For a free 43-page color catalog packed with hundreds of design styles and options, call Mark or Bryant at (814) 364-9577 or send your request to vlworks@aol.com. Browse the company's online catalog at www.vlworks.com. Circle no. 208



ALADDIN

Since 1908, Aladdin Mantle Lamps have represented the finest quality kerosene lamps available. From the blown glass and polished brass bases to the hand-decorated shades and brass burners, Aladdin Lamps are unequaled. Providing light equivalent to a 60-watt bulb, Aladdin Mantle Lamps can create the ambiance of a simpler time, while proving useful for emergency heat and light. Aladdin's bright, white, incandescent light is produced with no smoke, no odor, no noise, and no pumping—a match and a minute is all it takes. Call (866) 818-6935, or visit www.aladdinlamps.com to view the entire line of solid brass, stainless and glass lamps and paper and glass shades. Circle no. 453



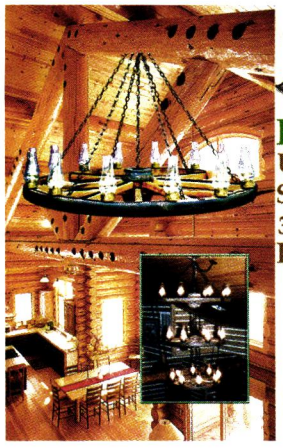
ROY ELECTRIC

Roy Electric Lighting Company offers the highest quality of fine reproduction lighting, from Victorian to Turn-of-the-Century, Mission and Colonial. Each product is hand-crafted, made in the U.S.A., and offered in many different finishes. For the last 35+ years Roy Electric has accumulated an abundance of vintage antique lighting and wonderful old relics: gaslights, oil, electric fixtures, sconces, exterior lighting, glass shades, plus pole, table and bridge lamps. Roy Electric's showroom has an array of antique lighting all restored & rewired. (800) 366-3347. Fax: 1-908-317-4629 www.royelectriclighting.com. Circle no. 192



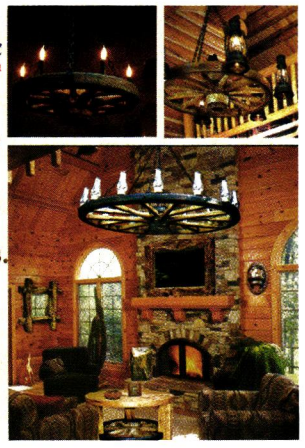
JOSIAH COPPERSMYTHE

Josiah Coppersmythe creates handcrafted American lighting to enhance any home décor. Pictured is the Arts and Crafts multilight, a perfect accent for any breakfast bar or game room. Coppersmythe lights are crafted in many styles in solid copper and brass, finished and toned to meet client specifications. The selection includes lanterns, sconces, chandeliers, and lights for special areas. JR Coppersmythe prides itself in creating a personal relationship with each of its clients, helping to choose the perfect lighting styles and finishes for each home or business. For the company's planning guide/catalog, visit www.jrcoppersmythe.com or call 800-426-8249. Circle no. 480



Alpha Omega
Western Furnishings Inc
www.alpha-omegawf.com
Est 1983

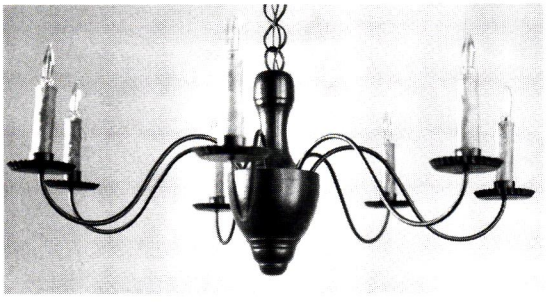
FREE Catalog of products.
UL approved parts/fixtures.
Ships crated, ready to hang.
3 styles, 10 sizes.
Real, rebuilt Wagon Wheels.
PO Box 1781
Grass Valley, CA 95945
800 959-7320



Circle no. 485

HANDCRAFTED

To The Drip On The Tapered Candles



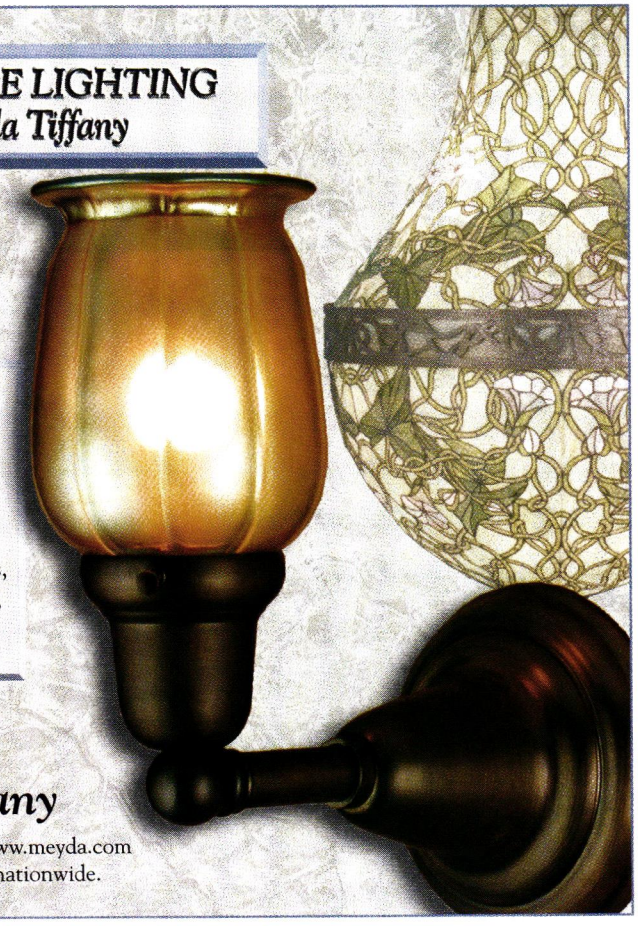
Early American Lighting since 1938; chandeliers, copper lanterns, and wall sconces.

Knowledgeable collectors, restorations and Museums have been buying our fine fixtures for over 30 years. A list is available on request. $2.00 for catalog.

GATES MOORE
3 River Road
Norwalk, CT 06850
tel: (203) 847-3231
www.gatesmoorelighting.com

Circle no. 155

OLD HOUSE LIGHTING
by Meyda Tiffany



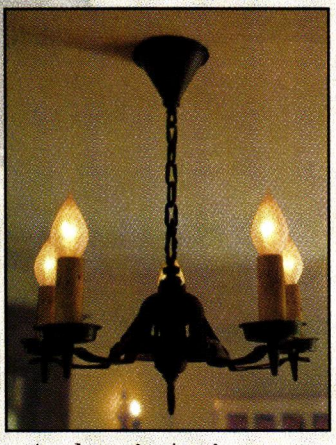
25,000 elegant art glass chandeliers, lamps, sconces, outdoor lanterns and accessories for your home. Classic Tiffany Reproductions, Arts & Crafts, Lodge, Mission and Vintage Victorians.

Meyda Tiffany
Tel: 1-800-222-4009 • www.meyda.com
Available at fine dealers nationwide.

Circle no. 292

LUMINARIA

Vintage Style Lighting

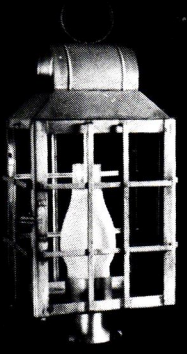


- Authentic Antiques
- Inspired Reproductions
- Custom Designs

Explore a world of lighting at:
WWW.LUMINARIA.COM
1-800-638-5619

Circle no. 534

Josiah JR. Coppersmythe



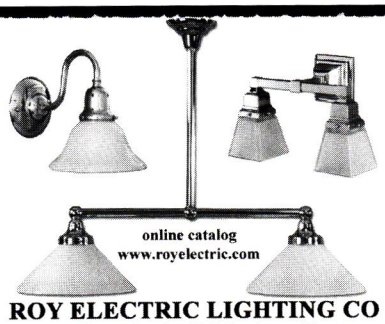
Hand Crafted
Early American
Lighting Fixtures

1033p - 25" high
POSTLIGHT
$195.00

75 Other Styles
Five Finishes
Catalog $3.00

508•432•8590
10 Mill Pond Rd., Harwich, MA 02645
www.jrcoppersmythe.com

Circle no. 480



online catalog
www.royelectric.com

ROY ELECTRIC LIGHTING CO
Antique & Reproduction Lighting in our Showroom.
22 Elm Street, Westfield NJ 07090
(908) 317-4665 (800) 366-3347 FAX (908) 317-4629
Request our Free
Reproduction Victorian Lighting Catalog.

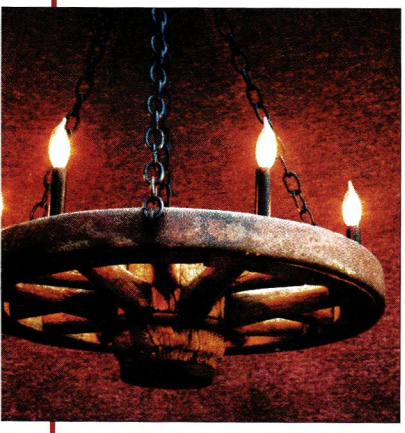
Circle no. 192

OLD-HOUSE JOURNAL'S INTERIOR LIGHTING DESIGN



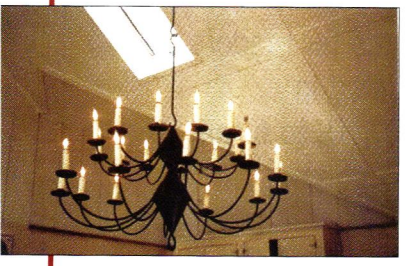
LUMINARIA

Luminaria Lighting has provided superior quality lighting since 1984, with expertise in antique light fixtures, authentic reproductions, and custom fabrications. Luminaria is known for its keen eye for historical authenticity, attention to detail, and high level of craftsmanship. The rectilinear details and geometric design of the Metropolitan Collection are complimentary to both Art Deco and Modern American styles. The Met Sconce, with its stylized concentric hoops and angular patterns, is pictured. Many other period styles available. (800) 638-5619. www.luminaria.com Circle no. 534



ALPHA OMEGA

Create an authentic Western feel with Alpha Omega's Wagon Wheel Chandeliers, hand-crafted from restored old wheels using original hubs and steel. Benches, tables, bars, stools, mirrors and other solid hardwood items from Alpha Omega will further enhance the theme. All parts and fixtures of the chandeliers are UL approved, wheels are hung with the finest chandelier chain, and each item is shipped crated, ready to hang. Wiring is creatively hidden. Ten sizes and 3 styles, including the Candelabra, (shown). Except for lighting, all products are suitable for year-round outdoor use and guaranteed to withstand any abuse. Color catalogs. (800) 959-7320. www.alphaomegawf.com Circle no. 485



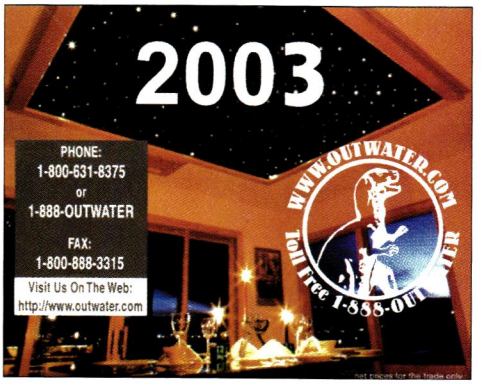
GATES MOORE

Gates Moore Lighting was started in 1950, after the owners had acquired a knowledge of antiques through years of work with an antique shop. The finishes, shapes and construction methods of the old time craftsmen are reflected in all Gates Moore lights. Gates Moore has made nearly all of the sconces and chandeliers shown in the reference books on early American lights. Gates Moore can nearly always adapt the old to the new by concealing electric wire. No modern bolts or fasteners show in any of the fixtures. (203) 847-3231. www.gatesmoorelighting.com. Circle no. 155



FRAMBURG

For almost 100 years, Framburg has been setting the standard for chandelier design and production. Each piece is individually handcrafted. Framburg lighting fixtures are in some of the finest residences, hotels, and institutions in the world. The fixture shown, Rhapsody – 9725, has hammered hand-forged arms and smooth straps complemented by cast decorative bobeches. The glass is Italian piastra. (800) 796-5514 or Framburg@Framburg.com. Circle no. 175

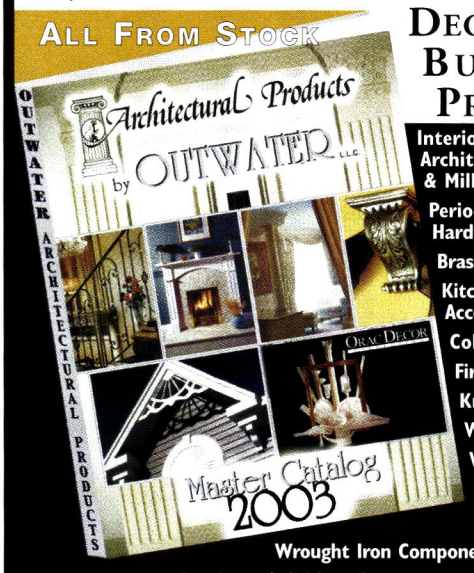


LIGHTING BY OUTWATER

Outwater stocks the widest selection of lighting and related accessories at the lowest prices, including: Low-Voltage Halogen Lighting, Fiber Optic Lighting, Track Lighting, Recessed Lighting, Shelf & Under Cabinet Lighting, Picture/Portrait Lighting, Cove Moulding Lighting, Task Lighting, Canister Lighting, Swivel Lighting, Adjustable Spotlights, Down Lights, Linear Lighting, Adjustable Halogen Lighting, Ambient Lighting, Curio Lights, Fluorescent Lighting, Strip Lighting, Cable Lighting, Rope Lighting, Lamps. (888) 772-1400 or www.outwater.com. Circle no. 285

40,000+ STANDARD AND INNOVATIVE DECORATIVE BUILDING PRODUCTS

ALL FROM STOCK



Interior/Exterior Architectural Mouldings & Millwork
Period & Contemporary Hardware
Brass Tubing & Fittings
Kitchen & Bathroom Accessories
Columns & Capitals
Fireplace Surrounds
Knobs & Pulls
Wall Coverings
Wainscoting
Balustrading
Lighting
Wrought Iron Components
Furniture & Cabinet Components
Stamped Steel & Polymer Ceiling Tiles....
And So Much More!

Please Call 1-888-772-1400 for our FREE Master Catalog

Architectural Products by Outwater L.L.C.
Tel: 1-800-835-4400 (Sales and Product Info) Fax: 1-800-835-4403
New Jersey • Arizona • Canada
www.outwater.com

Circle no. 285

King's Chandelier Co.
www.chandelier.com



Chandeliers Sconces & Candelabra
Victorian reproductions & traditional all-crystal designs many with Swarovski Strass. Catalog $6. (336) 623-6188 Dept. OJ, PO Box 667, Eden NC 27289. crystal@vnet.net

Circle no. 172

VICTORIAN LIGHTING WORKS



251 S PENNSYLVANIA AVE
CENTRE HALL PA 16828
814-364-9577
WWW.VLWORKS.COM

Circle no. 208

ANTIQUES ✶ INTERIORS ✶ FURNISHINGS

Suppliers, Dealers & Manufacturers

To SHOWCASE your products, your ad should appear in the next issue of OLD-HOUSE JOURNAL.

The best source for readers interested in buying YOUR PRODUCTS to furnish their restored homes.

To reserve your space, call or email Munira Marlowe, National Classified Sales Manager at 540-785-5705 or mmarlowe@restoremedia.com

Families Have Saved Up To 50% On Heating Costs.

And never have to buy fuel—wood, oil, gas, kerosene—ever again!

REPLACE OLD & INEFFICIENT HEAT

Hydro-Sil is a unique room-by-room heating system that can **save you hundreds of dollars** in home heating costs.

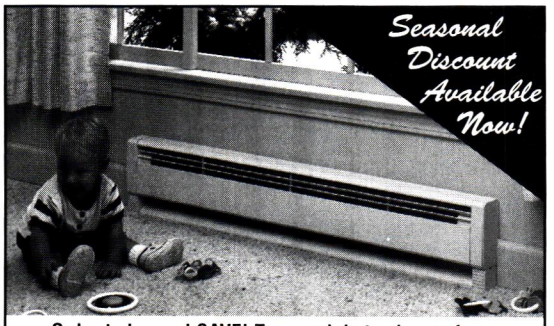
It can replace or supplement your electric heat, gas or oil furnace and woodstoves. Hydro-Sil is designed for whole house or individual room comfort. Hydro-Sil heating works like this: inside the heater case is a sealed copper tube filled with a harmless silicone fluid that will never spill, leak, boil or freeze. **It's permanent. You'll never run out.** Running through the liquid is a **variable watt** hydroelectric element that is *only* being supplied a *proportional* amount of power on an **as-needed basis.** When Hydro-Sil is turned on, the silicone liquid is quickly heated, and with its heat retention qualities, continues to heat after the Hydro element shuts off. Hydro-Sil's room-by-room technology greatly increases energy savings and comfort.

Your benefits with Hydro-Sil:

- Slash Heating Cost
- Lifetime Warranty – no service calls
- Safe – complete peace of mind
- Clean – no fumes – enviro safe
- U.L. Listed
- Preassembled – ready to use
- No furnaces – ducts – chimney
- Portable (110V) or permanent (220V)
- Whole House Heating or Single Room
- Room by Room Control

Many families are benefitting — you can too!

- **F. Smalley (Mass):** ***"A company that advertises the truth*** saved me 50% compared to my gas heat. I found it hard to believe until my power bill came. Thanks a million!"
- **R. Hanson (Ind):** "I cannot begin to tell you how pleased I am with Hydro-Sil...the first time in 25 years our electric bill was reduced... ***saved $635, over 40%!"***
- **A. Consalves (Mass):** "We updated our existing standard electric heat, removing 20 electric heaters and replacing them with Hydro-Sil. ***Wow – what a difference!*** We received a substantial reduction of our electric bill. I have recommended Hydro-Sil to many people!"



Order today and SAVE! Two models to choose from:
PERMANENT 220 Volt • PORTABLE 110 Volt

PERMANENT 220 Volt	Approx. Area To Heat	Discount Price	Quantity
8' 2000 watts	250-300 sq. ft.	$279	
6' 1500 watts	180-250 sq. ft.	$249	
5' 1250 watts	130-180 sq. ft.	$229	
4' 1000 watts	100-130 sq. ft.	$209	
3' 750 watts	75-100 sq. ft.	$189	
2' 500 watts	50-75 sq. ft.	$169	
Thermostats - CALL for options and exact heater needed			
PORTABLE 110 Volt - Thermostat Included			
5' Hydro-Max 750 -1500 watts		$219	
4' Convector - Dual watt		$179	
3' 750 watts - Silicone		$179	
$15.00 shipping per heater			$
Total Amount			$

NAME_____

ADDRESS_____

PHONE_____

You Can Do Something About the High Cost of Winter Heating!

Order by: Phone • Web • Mail • Check • MasterCard-VISA

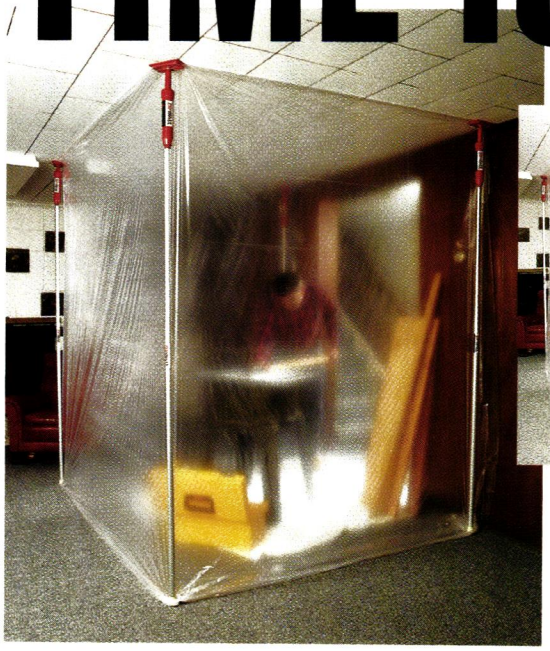
800-627-9276 OR **www.hydrosil.com** TO ORDER OR FOR INFORMATION

MC/VISA # _____ EXP. DATE _____

MAIL TO: HYDRO-SIL, PO BOX 662, FORT MILL, SC 29715

Circle no. 250

TIME IS MONEY!





This 3-sided plastic dust barrier was put up by one person in less than **5 minutes.** No tape, no ladders, no marred ceiling.

For more information and list of ZipWall dealers in your area, visit our website at: **www.zipwall.com** or call **1 800 718 2255**.



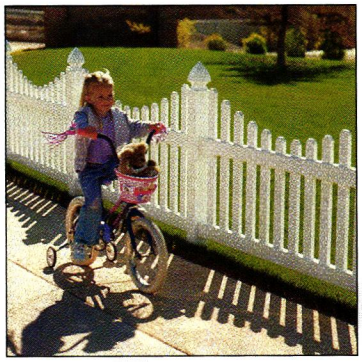
ZIPWALL® SAVES YOU MONEY!

Circle no. 315

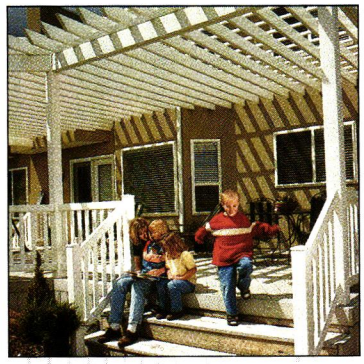


The last vinyl as popular as ours was made by the Beatles.

Discover the beauty and quality of Kroy Building Products. A vinyl fence, deck, railing or pergola is the perfect finishing touch for a maintenance-free home. Kroy Building Products won't rust, corrode, chip, or warp. And they will never need painting. Kroy vinyl can be custom-built to your exacting specifications, and all Kroy products are backed by the Kroy lifetime guarantee. Insist on the Kroy name for all your outdoor vinyl needs.



Fence



Pergola



Deck

Call 1-800-933-5769

or visit our web site at www.kroybp.com

Kroy
Building Products, Inc.

© 2003 Kroy Building Products, Inc.

The Historic American Buildings Survey Turns 70

By James C. Massey

OHJ salutes a sister birthday and the preeminent archive of all building types.

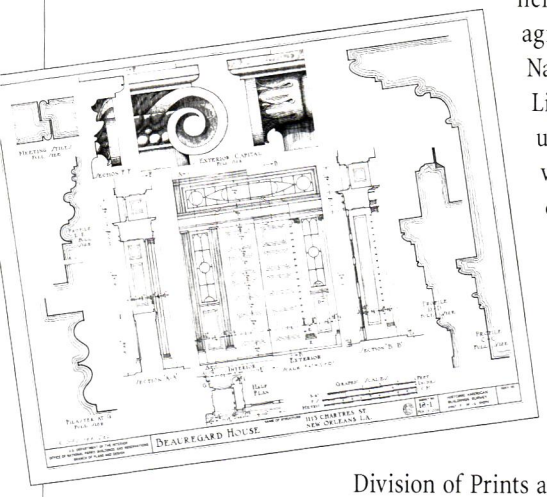
The National Park Service's Historic American Buildings Survey (HABS) is America's oldest federal historic preservation program. Although the survey started inauspiciously in 1933 as a temporary, Depression-era aid for underemployed architects, the significance of its products—carefully measured drawings supplemented by professional photographs and historical data—quickly became apparent to its sponsors within the park service and to historic preservationists.



ALL PHOTOS COURTESY OF HABS

In 1934, HABS was formalized and given permanent status with a tripartite agreement among three coordinating organizations—the National Park Service (NPS), which carried out the work; the Library of Congress, which maintained the records for public use; and the American Institute of Architects (AIA), which provided professional guidance. The partnership continues to this day, and HABS is now the world's foremost documentation of historic buildings.

Above: Typical of documentary photography, this HABS photo shows a California bungalow in San Jose exactly as it is, including overgrown shrubbery. Below: This 1934 HABS photograph of the 1818 Ware-Sibley-Clarke House in Augusta, Georgia, records the unrestored condition it presented 70 years ago.



One of the strengths of HABS drawings is architectural details. This attractive, rendered sheet, typical of the 1930s, shows the front door of a New Orleans house in a split drawing (half inside, half outside), complete with full-size moulding profiles suitable for making a replica.

HABS is an indisputable cultural treasure—a magnificent collection of (at last count) 51,910 professional measured drawings, 167,126 large-format view-camera photographs, and 17,165 carefully compiled historical and architectural reports on 28,825 buildings—all archived and made accessible for public use by the Library of Congress's Division of Prints and Photographs. Unlike other surveys which dead ended, the HABS collection continues to grow as it documents both the great and the typical among America's historic buildings of all types—from dwelling houses to courthouses and commercial buildings. HABS records are listed in national and state catalogs and can also be viewed and downloaded from the Library of Congress Web site. Photographic prints and full-size reproductions of drawings can be ordered by mail.

"That's great," you may be saying—"but what's it got to do with my old house?" Granted, you probably won't find your own home in the HABS archives, but it would be a mistake to ignore this massive resource as a way of placing your house in context within your town, your state, and the nation. It provides detailed, accurate information on periods, styles, houses, and building types. Chances are you'll find at least one HABS project from your own town—possibly even your local





The splendid, freestanding, winding staircase of the Shrewsbury House in Madison, Indiana, recorded by HABS staff photographer Jack E. Boucher, demonstrates the artistic quality that can be achieved while precisely presenting the architectural features of this 1841 house.

house museum.

Probably the most valuable records are the precise scale drawings. These drawings provide floor plans that show the rooms and spaces of a building, generally from the basement up. They also show sections, which are like a vertical slice through the building in one or more places; elevations, usually of all four façades; and extensive details of ornament, cornices, mouldings, stairs, paneling, and hardware. If you're restoring the porch of an 1840s Greek Revival house in Ohio, for instance, you can search for comparable examples to guide your work. If you are looking at groups of late Federal houses, you can get a feeling for what plans were typical or unusual. Professional photographs graphically detail the buildings; and, since HABS is 70 years old, early ones may well show the house as it was two or three generations back, perhaps before a major alteration or restoration. Such historic photographs and drawings are an invaluable and reliable research tool, and they frequently appear in scholarly books on American architecture. They also form an important reference for historic district research or for architectural guidelines.

Many buildings recorded by HABS have been demolished or altered, and the drawings and photographs provide a unique record from a vanished past. Indeed, some buildings have been accurately reconstructed after a loss from fire, as was the case with St. Michael's Cathedral in Sitka, Alaska.

The HABS drawings are not the earliest ones, however. The idea of recording endangered historic buildings developed in the 1890s as architects studied colonial buildings and then used ideas from them to create new structures in the Colonial Revival style. In the early 1900s, books of measured drawings had become common, and following the 1929 Depression, some local groups (such as Philadelphia's Old Philadelphia Survey and New York's Architects' Emergency Committee) were formed to record historic buildings. HABS's work, however, marked the first time that such documentation was done systematically on a nationwide scale.



Documentary photography not only captures the architectural features but also allows the setting to reveal the period of the photograph itself. This shot of the Nathaniel Holmes House in Dennisville, New Jersey (built in 1750 and added to in the early 19th century), was taken in 1961—as the television in the corner attests.

This opportunity for a national, uniform approach came in 1933, when a proposal by NPS architect Charles E. Peterson brought together New Deal emergency funds and architects and draftsmen around the nation, to work under the direction of NPS. Although World War II temporarily halted formal NPS efforts, the survey continued using AIA-sponsored donations, and the Library of Congress continued to archive the collection and make it available to the public. In 1966, the park service resumed recording and has continued it to this day, now under the leadership of Paul Dolinsky as chief of HABS.

Along the way, HABS has fathered two companion programs: the Historic American Engineering Record, established in 1969 to record historic engineering and industrial structures, and the Historic American Landscape Survey, established this year to record landscapes and gardens.

Today the fieldwork is done mostly by advanced architectural students organized into

Get Rid of Your Gutters!



RAINHANDLER®

Self-Cleans.
Unique louver design allows leaves and debris to blow or wash away.

Protects Property.
The Rainhandler self-cleaning system eliminates clogged, overflowing gutters and downspouts. No ground erosion. No more destructive ice dams from frozen gutters.

Protects You.
The Rainhandler self-cleaning system protects you from the need to climb ladders and roofs to clean clogged gutters.

Prevents Erosion.
Rainoff is converted to a 2 to 3 foot wide band of soft rain-sized droplets sprinkling the landscaping.

Maintains Itself.
The all-aluminum, never-rusting, maintenance-free Rainhandler louvers make messy, deteriorating gutters and downspouts history.

Beautifies.
The Rainhandler system is practically invisible. No gutters, downspouts, leaders or splash blocks to detract from the natural beauty of your home.

Installs Easily.
Each 5-foot section comes with 3 brackets & 6 screws. Do your entire home in 3 or 4 hours.

Guarantees.
Rainhandler comes with a 25-year manufacturer's warranty. Performance satisfaction is guaranteed for one full year.

Phone or Write for FREE Information

RAINHANDLER®
from Savetime Corp.
Dept.OH0903
2710 North Avenue/Bridgeport, CT 06604
1-800-942-3004/Fax 1-800-606-2028

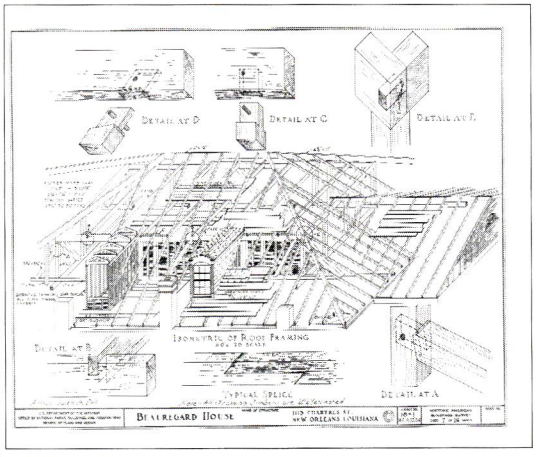
Name _____

Address _____

City _____ State _____

Zip _____ Email _____

www.rainhandler.com/oh



This 1934 exploded isometric drawing shows the roof construction of the 1826 Beauregard House in New Orleans.

national summer teams for architect/professors. Although, traditional hand measuring and inked drawing are giving way in large projects to photogrammetry and CAD (computer-assisted drawing), photography still holds to large-format view cameras, with archivally processed black-and-white film. HABS now uses some 5x7 color transparencies for selected buildings. Problems of color permanence over an archival 500 years remain to be resolved.

The uniformity of HABS standards for documentation and its comprehensive cataloging made copies from the Library of Congress by photographic prints easily available. Now you can also use the internet, where the catalog and the collection itself can be viewed and downloaded at a high resolution without charge (go to http://lcweb2.loc.gov/ammem/hhhtml).

You can also write to Division of Prints and Photographs, Library of Congress, Washington, DC 20540. To contact the central HABS office write HABS (20070), NPS, 1849 C St., N.W., Washington, DC 20240 or visit the Web site at www.cr.nps.gov/habshaer. The standards and procedures for documentation are contained in *Recording Historic Structures* edited by John Burns, FAIA. The latest HABS inventory is the 1995 *America Preserved: A Checklist of Historic Buildings, Structures, and Sites*, published by the Library of Congress.

Everything You Expect From OLD-HOUSE JOURNAL... And More

OLD-HOUSE JOURNAL Online

Dedicated to restoring America's treasured old houses, OLD-HOUSE JOURNAL Online is your best source for restoration and renovation products, how-to information, house plans, industry news, and community chat.



The Latest Reason to Check Out OLD-HOUSE JOURNAL Online

OLD-HOUSE JOURNAL'S "Swaps & Sales." Participate in a true old-house exchange with other devotees of period homes.

- Post items for sale
- Search for old-house products and services
- Check out historic houses
- Find unusual antiques and salvage

For more information call 540-785-5705

RESTORE MEDIA, LLC

www.oldhousejournal.com

Old·House JOURNAL

ABATRON, INC.

Since 1959

For FREE CATALOG Call 1-800-445-1754

Restoration and Maintenance Products

Specified by U.S. Government Agencies, Architects & Contractors

Abatron Systems meet and surpass standards for wood, stone, concrete and metal restoration. They are based on epoxies, urethanes and other polymers, and have an extensive range of properties.

Some of the most popular products:

Wood Restoration

WoodEpox: structural adhesive paste fills and replaces missing wood. It is applied in any thickness, and can be sawn, nailed, stained and worked like wood.

LiquidWood: restores structural strength to rotted wood.

Both products permanently restore structures, windows, columns, statuary, boats, etc., and impart water and insect resistance.

Concrete, Stone, Masonry Restoration

AboCrete permanently repairs and resurfaces concrete driveways, pool decks, loading docks, warehouses, etc.

AboWeld 55-1, a sag-resistant version of AboCrete, excels on stairs, statuary and vertical surfaces.

AboWeld 8005-6 bonds new concrete to old concrete permanently.

AboCoat & Abothane Series: floor, wall, tank and tub coatings. Solvent, water and solventless systems.

AboJet Series of structural crack-injection resins. Wide range of properties.

Moldmaking & Casting Compounds

MasterMold 12-3: non-toxic polyurethane paste for making flexible molds of architectural components, capitals, statuary, reliefs, etc. Great dimensional memory. Reuseable.

MasterMold 12-8: liquid version of MasterMold 12-3.

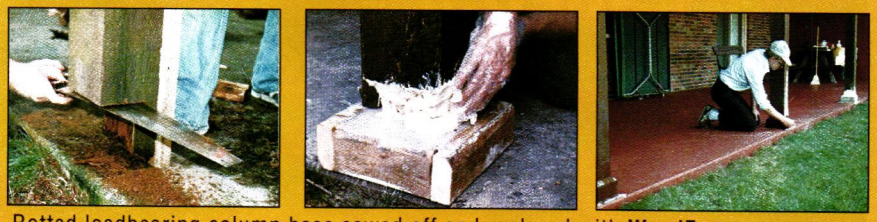
AboCast 4-4: liquid moldmaking and casting compound. Machinable.

WoodCast: lightweight interior and exterior casting compound.

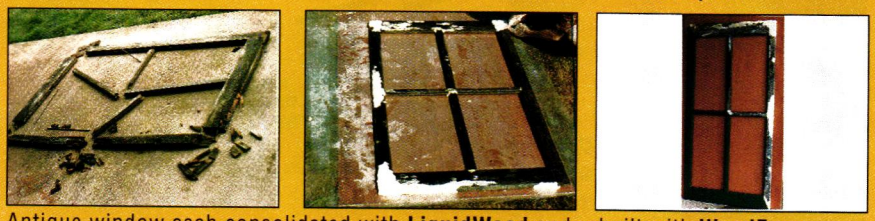
AboCast 8: versatile clear casting compound.

Structural Adhesives, Sealants & Caulks:

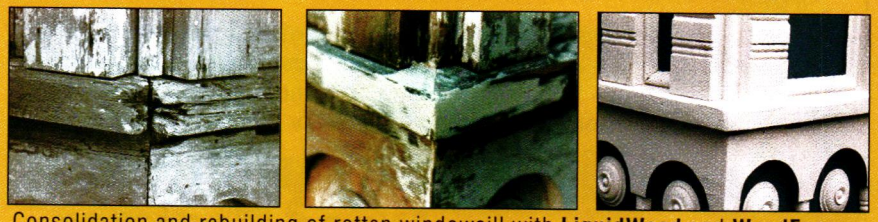
wide selection for most environments.



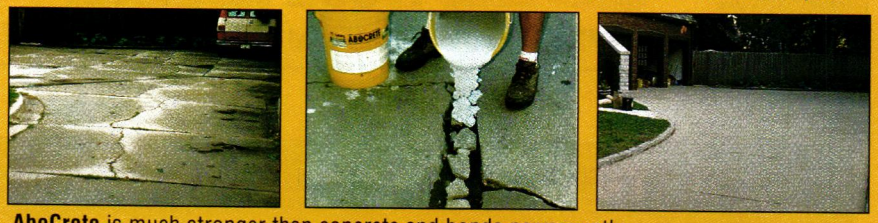
Rotted loadbearing column base sawed off and replaced with **WoodEpox.**



Antique window sash consolidated with **LiquidWood** and rebuilt with **WoodEpox.**



Consolidation and rebuilding of rotten windowsill with **LiquidWood** and **WoodEpox.**



AboCrete is much stronger than concrete and bonds permanently.



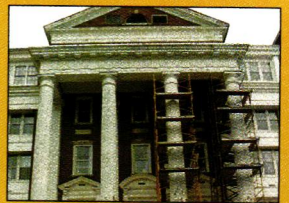
AboWeld 55-1 shapes without forms. Outlasts and outperforms concrete.



MasterMold makes molds of architectural elements in situ.



AboJet for structural crack-injection





ABATRON everywhere...in all kinds of packaging.

5501-95th Ave., Dept. OH, Kenosha, WI 53144 Tel: 262-653-2000 1-800-445-1754 Fax: 262-653-2019
Website: www.abatron.com ISO 9001:2000 Registered

Circle no. 228



Circle no. 242



Circle no. 438

Suppliers

Listed below are a number of resources and suppliers for the old-house restorer. For an in-depth compilation of companies serving the old-house market, go to the "Restoration Directory" on oldhousejournal.com.

Let There Be Light

Page 66

AAMSCO Lighting
Carbon lamps
(800) 221-9092
www.aamsco.com
Circle 11 on the resource card.

American Home Supply
Reproduction fixtures
(408) 246-1962
www.vintagehardware.com
Circle 12 on the resource card.

American Period Lighting
Reproduction fixtures
(717) 392-5649
www.americanperiod.com
Circle 13 on the resource card.

City Lights
Antique fixtures
(617) 547-1490
www.citylights.nu
Circle 14 on the resource card.

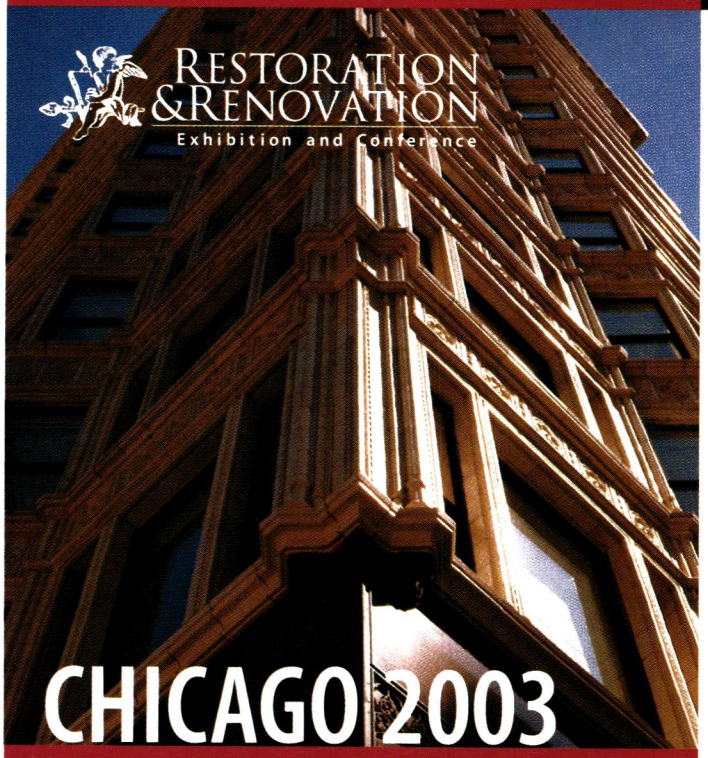
C. Neri
Antique fixtures
(215) 922-4189
www.neriantiquelighting.com
Circle 15 on the resource card.

Dahlhaus Lighting
Antique fixtures
(718) 599-5413
www.dahl-haus-lighting.com
Circle 17 on the resource card.

Don't miss the premier event for historic preservation and traditionally styled new construction

design
architecture
construction
planning
preservation





The Navy Pier / Festival Hall B

Conference **September 18-20, 2003**
Exhibition **September 19-20, 2003**

Produced in collaboration with:

The American Institute of Architects Historic Resources Committee and Small Projects Forum

AIA

Landmarks Preservation Council of Illinois

LANDMARKS PRESERVATION COUNCIL OF ILLINOIS

The Association of Higher Education Facilities Officers

APPA

Restoration & Renovation Exhibition and Conference

"Preserving the Metropolis: Legacies of the Twentieth Century"

NEW at Restoration & Renovation Chicago:

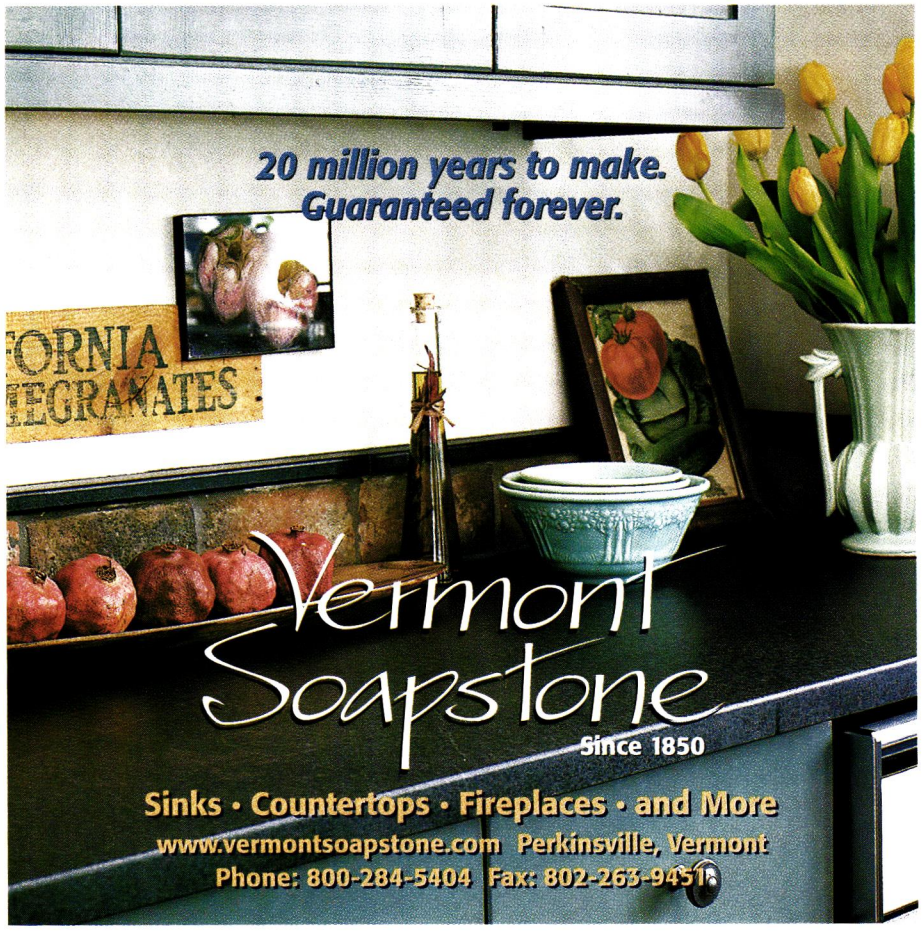
- 118 hours of learning units for AIA continuing education, which qualify for health, safety and welfare credits
- New Conference Tracks:
  - Sustainable Preservation
  - Urban Planning
  - Facilities Management and Preservation
  - Project Management and Teamwork
- Special focus on 20th-century Architecture and Materials
- Keynote Address by noted author of *Lost Chicago*, David Garrard Lowe
- Preservation Roundtable, hosted by The American Institute of Architects' Historic Resources Committee
- Special focus on Modernism and twentieth-century restoration
- 150 Exhibitors – Meet face-to-face with exhibitors who offer specialty products and services, many of which you've never seen before!
- New Product Showcase – Display of all innovative product introductions
- R&R Live! – Interactive demonstration of centuries-old arts and crafts
- Focus on "Green" — sessions on the new LEED™-EB program, Green Products Pavilion and Green Theater

LEED™

Hotel Information:
The Sheraton Chicago Hotel & Towers
301 East North Water Street
Chicago, IL 60611
Toll free: 800.233.4100
Tel: 312.464.1000
Fax: 312.464.9140/Attention: Reservations

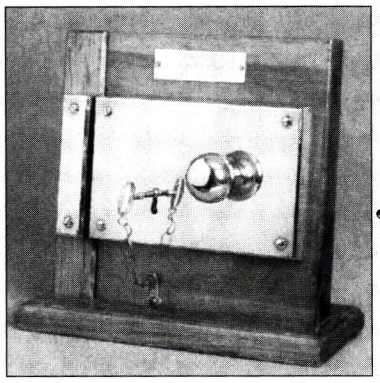
For additional information call 800.982.6247, email info@restoremedia.com or visit www.restorationandrenovation.com.

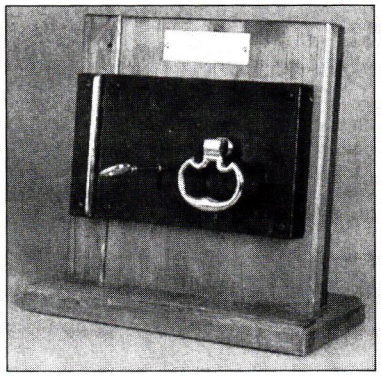
For the best rates register online: www.restorationandrenovation.com



Circle no. 406

FINEST QUALITY REPRODUCTION





DOOR LOCKS, LIGHTING AND BUILDERS' HARDWARE

Since 1932, Ball and Ball has been manufacturing the finest quality antique reproduction door hardware including iron strap hinges, brass butt hinges, rim locks, mortise locks and door knockers. Furniture hardware, builders' hardware, lighting fixtures and fireplace accessories are also available. Call for our 108 page catalog, available for $7.00.

(CATALOGUE PURCHASE REFUNDED ON 1ST ORDER.)

Ball and Ball

463 W. Lincoln Highway (Rt. 30),
Exton, PA 19341
610-363-7330 • Fax: 610-363-7639
1-800-257-3711
www.ballandball-us.com

Circle no. 243

SUPPLIERS

Framburg & Co.
Reproduction fixtures
(800) 796-5514
www.framburg.com
Circle 18 on the resource card.

King's Chandelier Co.
Reproduction, crystal fixtures
(336) 623-6188
www.chandelier.com
Circle 19 on the resource card.

Lamp Glass
Replacement shades, parts
(617) 497-0770
www.lampglass.nu
Circle 20 on the resource card.

Lehmans
Kerosene lamps, parts
(888) 438-5346
www.lehmans.com
Circle 21 on the resource card.

Luminaria Lighting
Reproduction fixtures
(800) 638-5619
www.luminaria.com
Circle 22 on the resource card.

Meyda Tiffany
Reproduction fixtures
(800) 222-4009
www.meyda.com
Circle 23 on the resource card.

Rejuvenation
Reproduction fixtures, carbon lamps
(888) 401-1900
www.rejuvenation.com
Circle 24 on the resource card.

Roy Electric Lighting
Reproduction fixtures
800-366-3347
www.royelectric.com
Circle 25 on the resource card.

Victorian Lighting Works
Reproduction fixtures
(814) 364-9577
www.vlworks.com
Circle 26 on the resource card.

Window Shopping

page 82

Allegheny Restoration
Custom millwork
(304) 594-2570
www.alleghenyrestoration.com
Circle 27 on the resource card.

Andersen
Woodright traditional windows.
(800) 426-4261
www.andersenwindows.com
Circle 28 on the resource card.

Bi-Glass
Sash replacement kits
(800) 729-0742
www.bi-glass.com
Circle 29 on the resource card.

Marvin Windows and Doors
Double-hung and specialty wood windows
(800) 268-7644
www.marvin.com
Circle 30 on the resource card.

Kolbe & Kolbe Millwork Co.
Replacement sash kits, custom windows
(800) 955-8177
www.kolbe-kolbe.com
Circle 31 on the resource card.

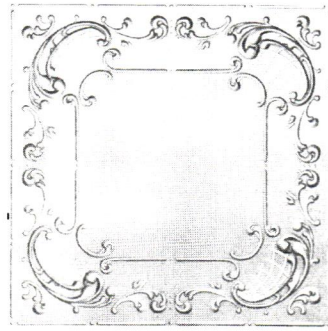
Replacement Systems International, Ltd.
Pivot sashes for allowing double-hung windows to tilt in for easy cleaning, plus other restoration window materials and services
(269) 345-8214
Circle 32 on the resource card.

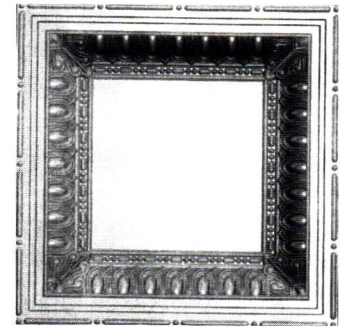
Weather Shield
Wood windows with tilt-in and other options
(715) 748-2100
www.weathershield.com.
Circle 33 on the resource card.



Circle no. 474

Embossed Metal Ceilings
Made from turn-of-the-century dies.
Send or call for information & prices.
Free layout service available.





Classic Ceilings
902 E. Commonwealth Ave., Fullerton, CA 92831
Call toll free 800-992-8700 FAX 714-870-5972
Visit our web site http://www.classicceilings.com

Circle no. 321



Circle no. 325

www.traditional-building.com

Internet Gateway to Historical Products

TRADITIONAL BUILDING

maintains the central Website for historically styled products and services on the Internet – products used for restoration, renovation, and new construction projects. There's more information and links to historical products than you'll find on any other site.

AMONG THE FEATURES:

- Searchable Product Database with 255 product categories
- 727 companies listed and indexed in the Product Database
- 276 Online product brochures
- Links to 673 Companies and related Organizations
- In-Depth Product Report of the Month
- E-Mail Order Form for Product Literature

Log onto – and then Bookmark –
www.traditional-building.com

SUPPLIERS

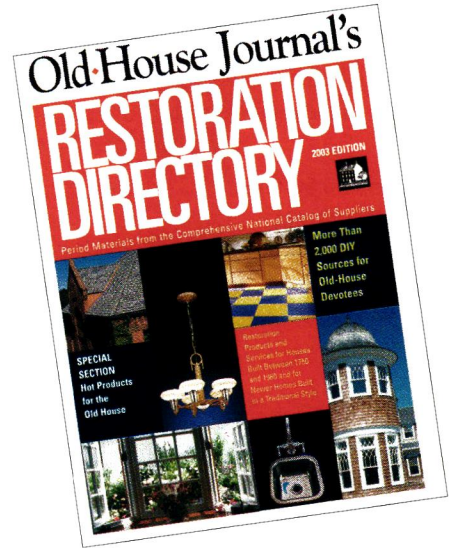
Woodstone
Custom windows
(802) 722-9217
www.woodstone.com
Circle 34 on the resource card.

The Woodworks Company
Custom wood windows
(845) 677-3960
Circle 35 on the resource card.

Woodwright Co.
Custom wood windows
(508) 896-3393
Circle 36 on the resource card.

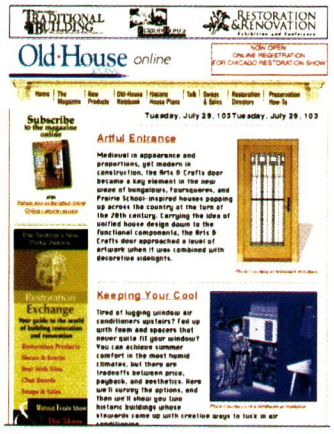
Information, Please

OLD-HOUSE JOURNAL'S RESTORATION DIRECTORY is an annual compilation of information on more than 2,000 companies offering period products and services. To order a copy of the directory ($14.95, plus shipping and sales tax, if applicable), call (202) 339-0744, 9 a.m. to 5 p.m., Eastern Time, Monday through Friday.



Everything You Expect From
OLD-HOUSE JOURNAL... **And More**

OLD-HOUSE JOURNAL Online



Dedicated to restoring America's treasured old houses, OLD-HOUSE JOURNAL Online is your best source for restoration and renovation products, how-to information, house plans, industry news, and community chat.

<www.oldhousejournal.com>

RESTORE MEDIA, LLC

Old·House JOURNAL

Ask For HW BRAND **Pet Panels**



Constructed of tubular steel, fully welded, coated with durable HW BRAND powdered coated finish in Old Iron Gray color. Pet Panel advantages: no supports for jumping, no grips for climbing, no possible injuries and no growing disorders. Slotted holes in the frame allow for easy installation and future expansion.

Optional roof supports can be easily installed to add the optional roof package.

Call or visit our website to see the complete line of quality HW BRAND products.

HUTCHISON INCORPORATED

www.hutchison-inc.com
email: info@hutchison-inc.com
1-800-525-0121

Circle no. 148





Looking for a New Basement Door?

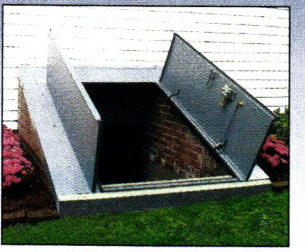
Whether you're looking to replace a leaky old wooden door, or you want to add direct access to your basement, there is a Bilco basement door perfect for your needs.

Bilco basement doors

- Provide convenient direct access to storage areas
- Are counter-balanced for smooth, easy operation
- Feature all steel, weather-tight construction

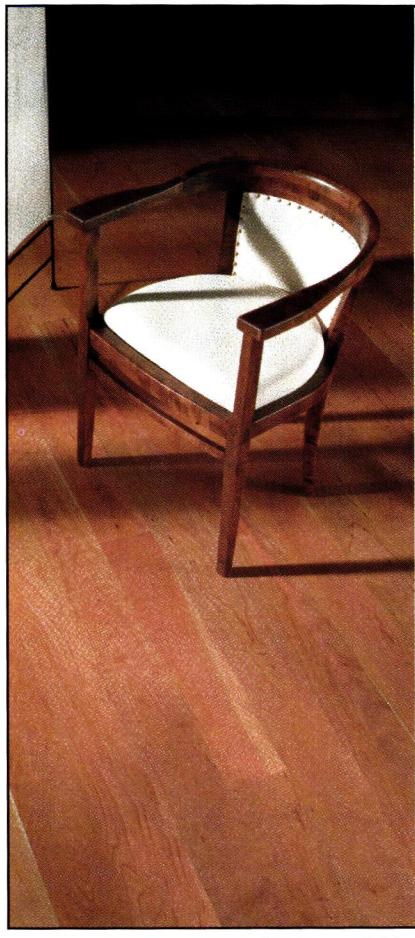
For more information, please visit your local home center or contact The Bilco Company at **(203) 934-6363** or **www.bilco.com**

Bilco®
Since 1926



Type SLW Doors available for existing sloped masonry sidewalls

Circle no. 81



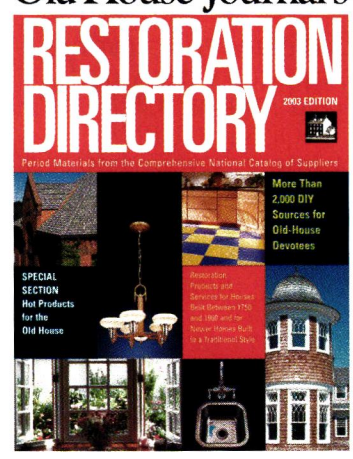
TRITON
INTERNATIONAL WOODS

Antique Heart Pine
Aged Spruce
Walnut
Cherry
Larch
Oak
Ash
Birch
Beech
Spruce
Doussie
Bamboo
Mahogany
Unfinished
Prefinished
Solid Plank
Wide Plank
Engineered Plank

Toll Free 866.319.6637
www.TritonWoods.com

Circle no. 435

An OLD HOUSE *is being restored. A* New House *is being built in a traditional style. You need the* 2003 OLD-HOUSE JOURNAL'S RESTORATION DIRECTORY



2003 Edition
Now on Sale at major bookstores, newsstands, and specialty retailers nationwide.
Call to order 202.339.0744
$14.95 (plus $5.00 for shipping and handling)

Where To Find Hard-To-Find Stuff

RESTORE MEDIA, LLC

Old·House JOURNAL

Wood Screen Doors

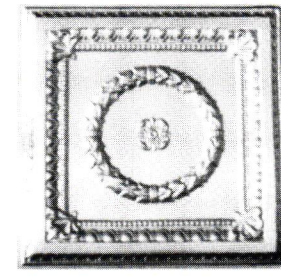


Coppa Woodworking, Inc.
310-548-4142 • www.coppawoodworking.com

Circle no. 137

CEILINGS MAGNIFIQUE™

The Elegance and Beauty of Yesterday for Today!



Exact replicas of the beautiful old tin ceilings are now available in durable, lightweight high impact polymer plastic. They are easy to install, paintable and washable. Available in fire-rated materials and colors. Several patterns from which to choose. Please write or call:

Snelling's Thermo-Vac INC

P.O. Box 210, Blanchard, LA 71009
Office (318) 929-7398
FAX (318) 929-3923
www.ceilingsmagnifique.com

Circle no. 196



DREAM ON...

Designers who get it. We'll work with you to capture your unique vision on paper. Then we'll make it real. With superior craftsmanship and distinctive finishes. The next step? Give us a call. And dream on...

CROWNPOINT CABINETRY

Period styling.
Handcrafted to the finest quality.

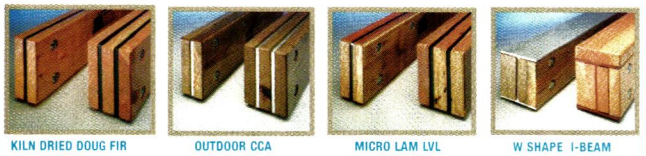
800-999-4994 Fax: 800-370-1218
www.crown-point.com

Don't Flitch Around! Get it All Together with...

BETTER HEADER™
SANDWICH PLATE SYSTEM

Take the Hassle Out of Building it Yourself
Eliminate Hours & Hours of Unnecessary Labor
Take Advantage of the Features of Better Header®

Stronger Flitch Plate Headers (the original engineered lumber) • Pre-fabbed Sandwich Plate System Requires No Assembly • Quick and Easy with No Furring • Ready to Veneer • Simple to Cut with Metal Saw Blade • Less Expensive than Building it Yourself • Most Beams Shipped in 72 Hours



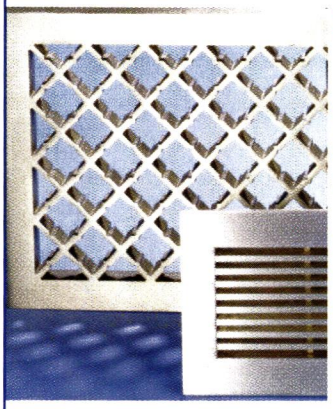
KILN DRIED DOUG FIR w/A-36 Steel | OUTDOOR CCA w/Rust Proof Steel | MICRO LAM LVL w/A-36 STEEL | W SHAPE I-BEAM w/Packed Web

Only Better Header® Offers You the Patented
PFS FASTENING SYSTEM
Designed by engineers and manufactured in-house at our state-of-the-art facility. This multi-angle, pre-fitted steel nut allows for maximum compression without compromising the structural integrity of the lumber. The PFS system, combined with Grade 5 bolts, provides the ultimate strength and eliminates the need for furring...making every project a success.

PROUDLY MADE IN THE USA
Better Header®
Sandwich Plate System • 1.877.243-2337
• www.betterheader.com •

Circle no. 471

ARCHITECTURAL GRILLE
CUSTOM DESIGNED, FABRICATED & FINISHED



Stock Items Available

Choices of Aluminum: Brass, Bronze, Steel, Stainless Steel and Wood.

Choices of Finishes: Mirror Polish, Satin, Statuary Bronze, Primed, Anodized Colors and Baked Enamels finishes.

- Perforated Grilles
- Bar Grilles
- Curved Grilles
- Custom Gratings
- Waterjet Logos

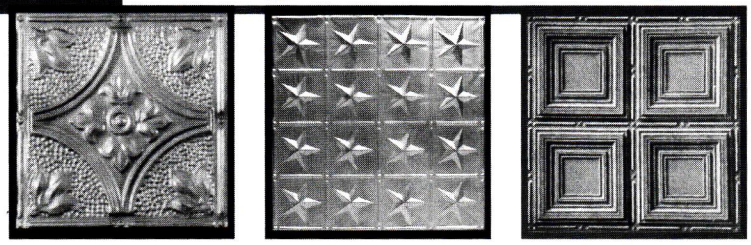
CALL FOR FREE CATALOGUE

A Division of Giumenta Corporation

42 Second Avenue Brooklyn, NY 11215
Tel: (718) 832-1200 Fax: (718) 832-1390
1-800-387-6267
www.archgrille.com
info@archgrille.com

Circle no. 76

Some Things Never Change



PRESSED-TIN CEILINGS
VICTORIAN & ART DECO DESIGNS
6", 12" & 24" PATTERNS • COMMERCIAL • RESIDENTIAL
http://thetinman.com

CHELSEA
DECORATIVE METAL CO.
8212 BRAEWICK DR., DEPT. OHJ HOUSTON, TEXAS 77074
FAX 713/776-8661 **713/721-9200**

Circle no. 131

Hot water done right.



Cut energy costs in half – and get endless hot water.

SAVES ENERGY—
heats water only as you use it.

LONG LASTING—
twice as long as the best tank heaters.

ENDLESS HOT WATER—
for as long as you need it.

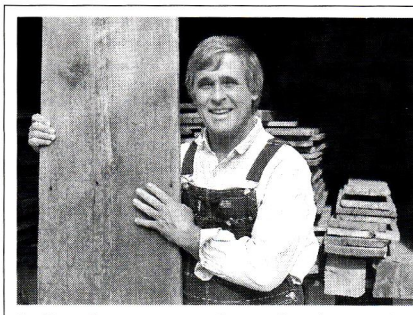
The tankless Bosch AquaStar eliminates all the headaches of tank water heaters. Built by Bosch, it uses natural gas or LP. To find out which model is right for you, call our toll-free number or visit our Web site.

BOSCH AquaStar

CONTROLLED ENERGY CORPORATION
WAITSFIELD, VERMONT
www.ControlledEnergy.com/oh • 800-742-1698

AOHJ

Circle no. 136



Joe Rizzo, Proprietor — Country Road Associates Ltd.

"AUTHENTIC 19th C. BARNWOOD IS MY BUSINESS"

- FLOORING: Chestnut, White Pine, Oak, Heart Pine, Walnut, Hemlock & more
- Random widths from 3"-20"
- BARNSIDING: faded red, silver-gray & brown
- HAND-HEWN BEAMS: up to 13" wide. Random Lengths

Large quantities available
Deliveries throughout the USA

COUNTRY ROAD ASSOCIATES, LTD.
63 Front Street, P.O. Box 885, Millbrook, NY 12545
Open Tues.-Sat. 10AM-4PM
Sun. & Mon. by appointment 845-677-6041
Fax 845-677-6532
www.countryroadassociates.com

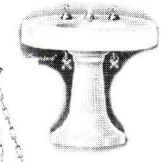
Circle no. 139

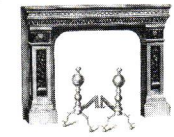
HISTORIC
HOUSE PARTS





540 South Avenue
Rochester, New York 14620
Phone: 585.325.2329
Toll Free: 888.558.2329
Facsimile: 585.325.3613
Monday-Saturday 9:30-6:00
www.historichouseparts.com



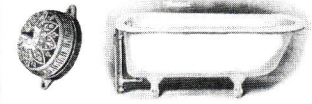




architectural salvage and restoration supplies







WWW.HISTORICHOUSEPARTS.COM

Circle no. 266



...And On.

People who pay attention to detail. Our standards? All wood construction, time tested, hand fitted joinery, hand applied finishes, and a rather fanatical attention to detail. Imagine your ideal kitchen. Then give us a call. And dream on....

CROWNPOINT CABINETRY

Period styling.
Handcrafted to the finest quality.

800-999-4994 Fax: 800-370-1218
www.crown-point.com

LOG HOME SUPPLY Schroeder Since 1986

-Ask Us!
Quality Log Home Care Products
CATALOG AVAILABLE

Schroeder Log Home Supply, Inc.

Same day shipping from IN, MN, SD, and TN

- Backer Rod
- Black Iron
- Books
- Cast Iron
- Caulking
- Chinking
- Cleaners
- Fasteners
- Finishes
- Foam Sealants
- Preservatives
- Restoration Products
- Sealants
- Tools
- Wood Treatments

"Your Log Home Hardware Store"

www.loghelp.com
To order call 1-800-359-6614

Circle no. 484

Albany Spiral Staircase

Intricate Victorian design
Modular kit in 4' diameter
Cast iron construction
Brass or steel handrail
Easy assembly

CUSTOM DECORATIVE METAL RAILINGS, GATES, GRILLES, CANOPIES AND GAZEBOS

CONTACT US FOR COMPLETE CATALOG FEATURING THIS & OTHER STAIRCASES



90 TYCOS DRIVE
TORONTO, ON M6B 1V9
TEL: (416) 780-1707
TEL: (800) 461-0060
FAX: (416) 780-1814
info@steptoewife.com
www.steptoewife.com

STEPTOE & WIFE ANTIQUES LTD.
ARCHITECTURAL RESTORATION PRODUCTS

Circle no. 347

Grilles & Registers

Made to Last a Lifetime • Cast Iron • Cast Brass • Cast Aluminum • Wood

Over 500 Sizes
Free Color Catalog
Call (978) 772-3493
www.reggioregister.com
The Reggio Register Co.
Dept. OHJ, P.O. Box 511
Ayer, MA 01432-0511

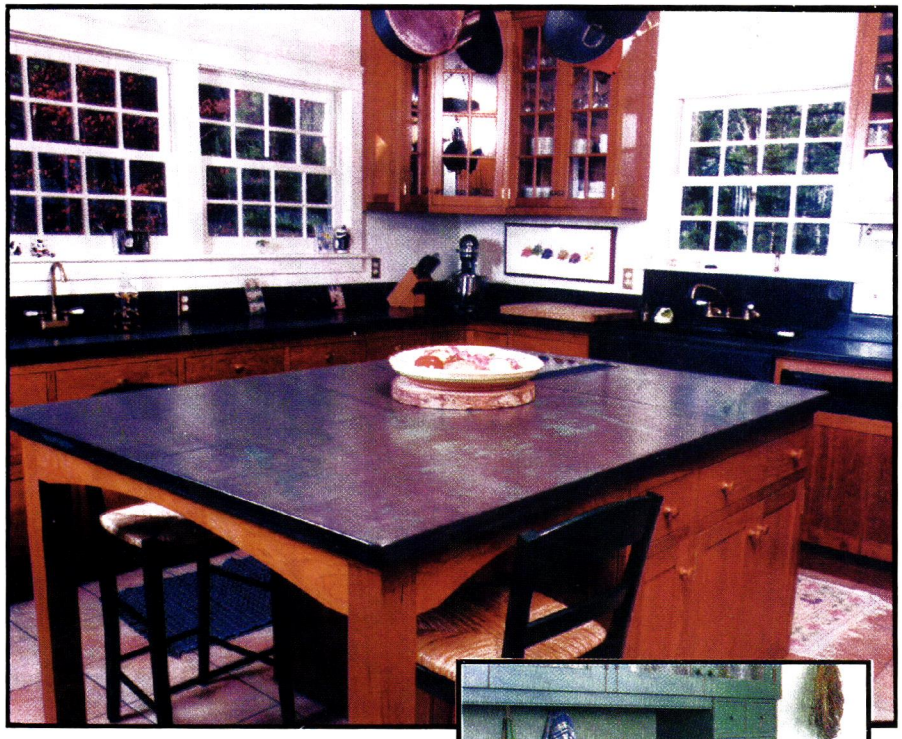
Reggio Registers

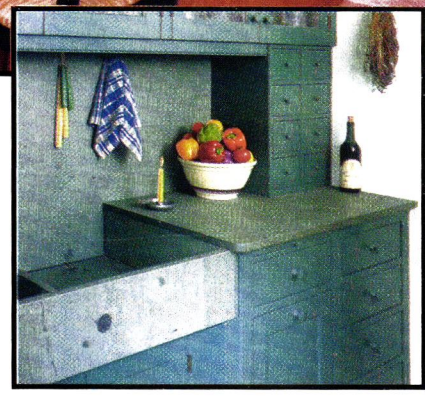
Circle no. 189

SHELDON

SHELDON SLATE PRODUCTS CO., INC.

SINCE 1917





SHELDON SLATE is a family owned business with four generations of experience. We mine and manufacture our own slate products from our own quarries. The range of our colors will compliment any kitchen or bath. Our slate is heat resistant, non-porous and non-fading. It has a polished/honed finish and is very low maintenance. Let us help you design and build a custom sink, countertop or vanity. Custom inquiries are handled through the Monson, Maine division.

Sinks and countertops can be crafted in a variety of ways. Use your imagination, or we can assist you in your design.

PRODUCERS OF SLATE FLOOR TILE, FLAGGING, STRUCTURAL SLATE AND ROOFING, MONUMENTS AND SLATE SINKS

Monson • Maine 04464 • 207-997-3615 • Middle Granville • New York 12849 • 518-642-1280 • FAX 207-997-2966
www.sheldonslate.com

Circle no. 222

Our Samples Are Better Than FREE!



We're so sure you'll love our **Square Drive Screws** we will practically pay you to try them. Send **$10** with a copy of this ad and we'll send you a **"Try-Pack"** Sampler of 200 screws (25 each of our **NEW** #8 x 1-3/8 & 1-7/8" Flat Head ProMax, #8 x 5/8", 8 x 1-1/4", 8 x 1-1/2" and 8 x 2" Flat Head, and #8 x 1-1/4" & 2" Round washer Head hardened steel screws) along with a driver bit for your drill, our catalog listing 900 types of Square Drive screws (and other woodowrking essentials), and a coupon worth **$10 off** your first order of $75 or more. (Limited Time Offer. Available in USA only, one per customer.)

- **Square Drive Beats Cam-Out**
- **Hardened Steel for Extra Strength**
- **Deep Threads for Superior Holding Power**

© 2001 McFeely's All Rights Reserved

McFEELY'S
SQUARE DRIVE SCREWS

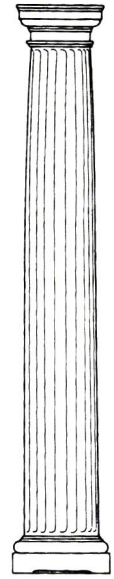
PO Box 11169 • Dept OHJ
Lynchburg • VA • 24506-1169
1-800-443-7937 • www.mcfeelys.com

Circle no. 423

CUSTOM and PRODUCTION TURNINGS

SPECIALIZING IN

VICTORIAN DESIGNS and CLASSIC COLUMNS



Porch posts, newels, balusters, columns and more...

We offer a complete range of architectural turnings incorporating design authenticity, skilled craftsmanship, and quality materials.

All products are available in decay- and termite-resistant clear heart Redwood.

Interior turnings are also available in fine hardwoods.

For your catalog please send $6.00.

No charge to designers, architects, builders and dealers when requested on company letterhead.

PAGLIACCO TURNING & MILLING

WOODACRE, CA 94973-0225
415 488-4333 FAX 415 488-9372

Circle no. 454

Victorian
—AND COUNTRY—
Gingerbread
PLUS MANY OTHER
Architectural Accents
& Designer Details
-BY-
VINTAGE WOOD WORKS
Established 1978

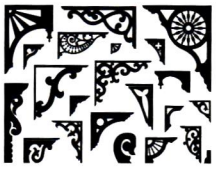
FREE
192 pg. MASTER CATALOG

Over 130 usage photos in color plus lots of valuable how-to info. The largest direct supplier, due to our old-fashioned values, small-town friendliness, and exceptional quality!



Elegant & functional SCREEN / STORM DOORS for lasting first impressions.

Our huge variety of Porch, Gable, and Eave decorations will transform your home's **exterior**!



170 BRACKETS are just the beginning!

Likewise, our vast choice of Brackets, Cornices, Spandrels, Mouldings, Corner Beads and Fretwork (plus much more) will create magic **inside** your home!



Custom-length SPANDRELS add a new dimension.

Factory-direct pricing, expert shipping, & your satisfaction guaranteed! Order our printed Catalog (or go online) and we will prove it to you!



BRACKETS, HEADERS, CASINGS, and CORNER BLOCKS will transform your plain openings.



Free 192 page Master
CATALOG
Also,
208 p. ***Porch Design Book***
How to design, build, and decorate your dream porch! $6.95
Optional Priority Mail $4

Name _____

Address _____

City _____

State _____ Zip _____

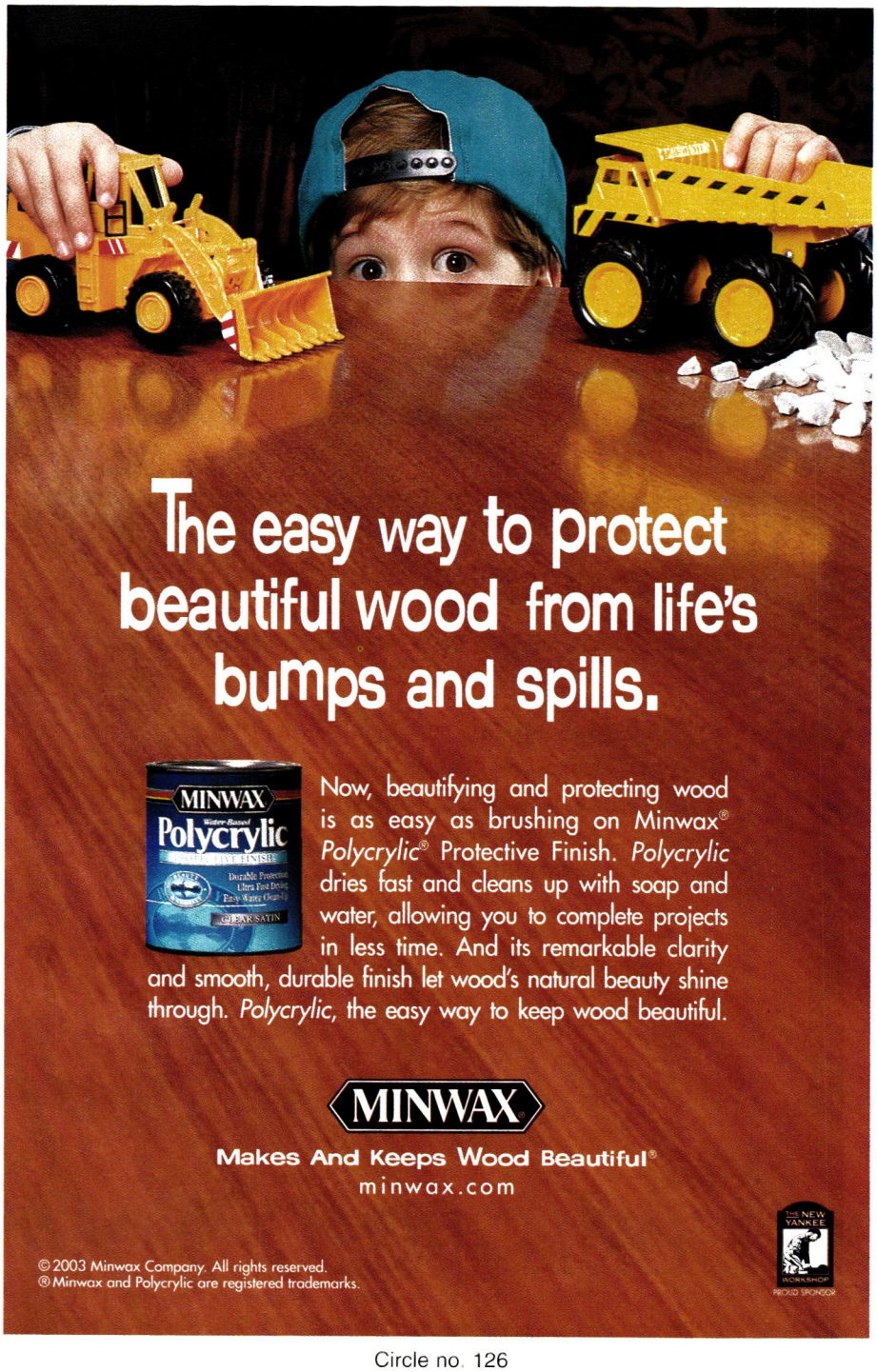


VINTAGE WOODWORKS
PO Box 39 MSC 4139
Quinlan, TX 75474-0039
903-356-2158
© VWW 2003
www.vintagewoodworks.com

Circle no. 209

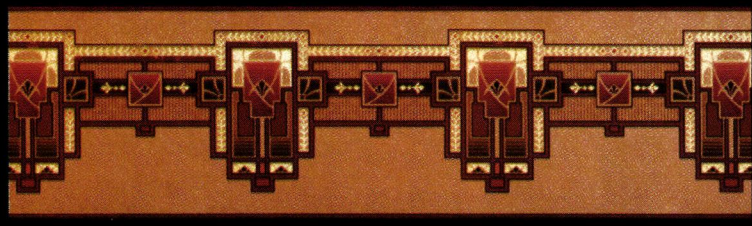


Circle no. 495



Circle no. 126

Hand Printed ART WALLPAPER



Prairie Frieze from our Arts & Crafts Collection



Herter Bros. Sparrow Frieze from our Victorian Collection

Available by Mail Order Complete Catalog: $12.00

BRADBURY & BRADBURY

P.O. Box 155 Benicia, Ca 94510 (707) 746-1900

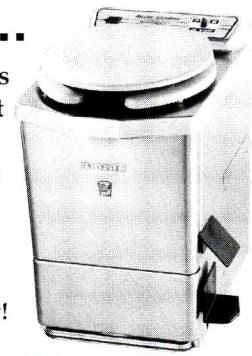
www.bradbury.com

Circle no. 125

INCINOLET

Electric Incinerating Toilet

SIMPLY THE BEST...



For 44 years doing what no other toilet does:

Incinerates waste to clean ash – immediately!

- Waterless, odorless
- 120 or 240 volts required
- All Stainless Steel, rugged and reliable

NSF
UL
USCG
CSA

Think of all the places you can use INCINOLET!

1-800-527-5551

www.incinolet.com sales@incinolet.com

RESEARCH PRODUCTS/Blankenship
2639 Andjon • Dallas, Texas 75220

Circle no. 234



New England's Largest Selection of Window Lace

Enchanted Lace

Bedford Square
25 S. River Road
Bedford, NH
03110
(603) 296-0779
(800) 497-8615

Lace....Sunlight without Glare
Elegance with Softness

Circle no. 571

ALAMEDA SHADE SHOP

Custom-Made Window Shades
914 Central Avenue • (510) 522-0633
Alameda, CA 94501 • FAX (510) 522-0651
• Major Credit Cards Accepted •
Website: www.shadeshop.com

Since 1949 a full Service shade shop that specializes in matching shades to your victorian home

Circle no. 577

tiny ad

hard to find stuff

HUGE savings

Free Catalog, 5,000 items
Antique Hardware & Home
antiquehardware.com | **800.422.9982** M03

Circle no. 80

The Wood Factory
AUTHENTIC VICTORIAN MILLWORKS

Screen Doors • Porch Parts
Custom Woodwork • Moldings
Ornamental Trim

Send $2.00 for a Catalog

111 Railroad Street
Navasota, Texas 77868
Tel: (936) 825-7233
Fax: (936) 825-1791

Circle no. 263

SHAKER

Classic Furniture Kits
An exciting collection which exemplifies the simplicity and versatile beauty of Shaker design. Plus – Shaker oval boxes, baskets and more.

Free Catalog
1-800-840-9121
includes Shaker Chair Tape samples

SHAKER WORKSHOPS
Box 8001-HJ3
Ashburnham, MA 01430

Pure and Simple

Circle no. 257

To Restore, Visit The FauxStore™

Faux Effects, Inc. Manufacturer of Fine Faux & Decorative Waterbase Materials Since 1990

- Glazes
- Colors
- Stains
- Textures
- Crackles
- LusterStone™
- Metallic Products
- Venetian Gem™ Plasters

FAUX Effects®

WE'RE AHEAD OF THE FUTURE...

THE FAUX STORE™
SHOP FOR FAUX EFFECTS INC PRODUCTS

OPEN 24 HOURS-EVERY DAY!

www.fauxstore.com

FAUX EFFECTS, INC., VERO BEACH, FL ■ 1-800-270-8871 ■ www.fauxfx.com

Circle no. 330



Otherwise it's just a chimney.

Clay chimney tops provide an elegant, finished look to any upscale home. Whether you choose one with intricate detail, or one with classic, stately lines, a clay chimney top helps a home stand out above the rest. To find out more about our full line of chimney tops, check us out on the web, or call us at 800-848-6166. Your house will thank you.

SUPERIOR CLAY CORPORATION
Superior Clay Products Are Built To Last

www.superiorclay.com

P.O. BOX 352 • Uhrichsville, Ohio 44683 • 740.922.4122 • 800.848.6166

Circle no. 538

The Very Last Shutter You Will Ever Need!



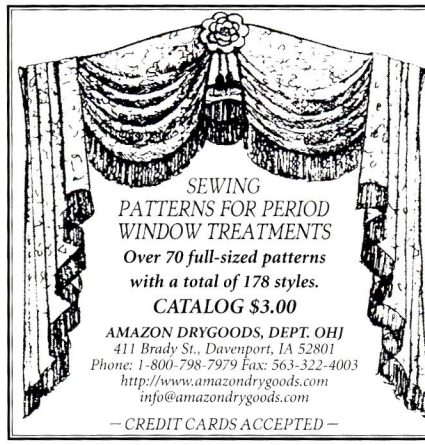
Custom Cedar Shutters & Authentic Cedar Hardware
- Factory Direct -

Vixen Hill.com

800-423-2766

Vixen Hill

Circle no. 109



SEWING PATTERNS FOR PERIOD WINDOW TREATMENTS

Over 70 full-sized patterns with a total of 178 styles.

CATALOG $3.00

AMAZON DRYGOODS, DEPT. OHJ
411 Brady St., Davenport, IA 52801
Phone: 1-800-798-7979 Fax: 563-322-4003
http://www.amazondrygoods.com
info@amazondrygoods.com

– CREDIT CARDS ACCEPTED –

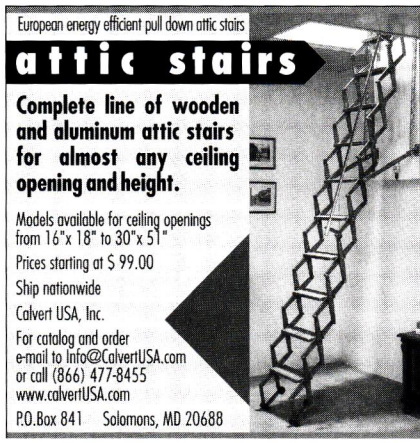
Circle no. 494

European energy efficient pull down attic stairs

attic stairs

Complete line of wooden and aluminum attic stairs for almost any ceiling opening and height.

Models available for ceiling openings from 16"x 18" to 30"x 51"
Prices starting at $ 99.00
Ship nationwide
Calvert USA, Inc.
For catalog and order
e-mail to Info@CalvertUSA.com
or call (866) 477-8455
www.calvertUSA.com
P.O.Box 841 Solomons, MD 20688



Circle no.102



TILE SOURCE INC.

Specialists in the supply of genuine Encaustic & Geometric tiles by MAW & Co of England, (established 1850). Also simulated Encaustic & Geometric patterns and Victorian wall tile designs.
See our web site at www.Tile-Source.com

203 Mill Pond Road
Roswell, GA 30076
Phone: 770.993.6602
Fax: 770.993.0124
Email: djmalk@aol.com

Circle no. 204

GLASS INTERIOR Storm Windows



- Maintain the charm & beauty of existing windows (NO replacements. NO unsightly triple-track storms)
- Eliminate Drafts completely
- Reduce Heating & Cooling bills up to 30%
- Low "E" and UV Protection available
- Revolutionary trackless mounting
- Compression fit DIY installation
- Factory direct custom sizes
- Easy - No tools - Snap in & Out

Watch for us on This Old House
www.stormwindows.com

Innerglass™
WINDOW SYSTEMS
the better alternative

1-800-743-6207 • FAX (860) 651-4789
15 Herman Drive , Simsbury, CT 06070

Circle no. 589

NU-WAL®
RESTORATION SYSTEM

Make Walls and Ceilings Like New!

- Cost effective
- One day application
- Remove no trim

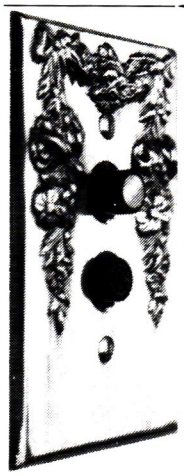
RESTORE CRACKED WALLS

SPECIFICATION CHEMICALS, INC.
www.nu-wal.com
800-247-3932

Circle no. 108

Push Button Light Switches

DIMMER & SINGLE & 3-WAY



DECORATIVE & PLAIN SOLID BRASS WALL PLATES

- MOULDING HOOKS
- EDISON BULBS
- TASSEL KITS
- & MORE

For Catalog Send $2.00 to:

Classic Accents
P. O. Box 1181
Southgate, MI 48195
(734) 284-7661
e-mail classicaccents@bignet.net
www.classicaccents.net

Circle no. 134



Historic Reproduction Tiles 1870-1920

ARTS & CRAFTS AND WILLIAM MORRIS

WALLPAPERS, FABRICS & TILES

Congratulations OHJ on 30 years!
from all of us at
www.charles-rupert.com

See our on-line catalogue for the best selection available By Mail anywhere - for designs by William Morris and Charles Rennie Mackintosh; also Arts & Crafts and Art Nouveau wallpapers fabrics, tiles and more.

297 historic wallpapers, 189 period fabrics & 177 reproduction tiles great selection, great prices!

Complete Sample Cutting service.

Splendid Items for Traditional Homes



Arbutus designed by Kathleen Kersey in 1912

CHARLES RUPERT®

THE SHOP

2005 OAK BAY AVE. VICTORIA, B.C. CANADA V8R 1E5
Tel: 250-592-4916 Fax: 250-592-4999
www.charles-rupert.com

Circle no. 298

Wouldn't *Warm Tiles* Feel Wonderful ?

www.muttbaker.com

Circle no. 548

www.southwestforge.com

Authentic Hand Forged & Cast

Door ■ Cabinet ■ Bath
Hardware & Accessories



Tel•800•811•0181
Fax•866•494•7340

Resource Network Listing

Abatron, Inc 228
See our ad on page 129
Products for consolidating wood, wood patching, replacement concrete patching, bonding, resurfacing, moldmaking, casting, adhesives, strippers, metal repair. Free literature. 800-445-1754; www.abatron.com

Al Bar-Wilmette Platers 114
See our ad on page 54
Restoration of door hardware — plating, polishing, custom finishes. Window hardware, light fixtures, plumbing fixtures. Full service metal restoration shop. Free literature. 800-300-6762; www.albarwilmette.com

All American Wood Register Co. 242
See our ad on page 130
Solid wood registers, metal registers, stair treads & risers & custom millwork. Free literature. 815-728-8888; www.allamericanwood.com

Allied Windows 78
See our ad on page 112
Invisible Storm Windows — Match any window shape or color. Removable storm windows for the inside or outside. $2.25 color brochure. 800-445-5411; www.invisiblestorms.com

Arrow Fastener
See our ad on page 110
Wide range of staple guns & staples, nail guns & nails, rivet tools & rivets, glue guns & glues & steel rule tape measures for the serious do-it-yourselfer. Free literature. www.arrowfastener.com

AZEK Trim Board 308
See our ad on page 15
Products are cellular PVC that offers the unequalled combination on uniformity, durability, workability, and beauty. Free literature. 866-549-6900; www.azek.com

Besco/ Baths from the Past 325
See our ad on page 134
Solution for bath and kitchen. Free catalog. 800-697-3871

Benjamin Moore 429
See our ad on page 27
For the best paint and the best results, look no further than your local Benjamin Moore dealer. 800-6PAINT6; www.benjaminmoore.com

Bradbury & Bradbury Art Wallpapers 125
See our ad on page 142
Hand silk-screened wallpaper in NeoClassical, Victorian, and Arts & Crafts styles. In-house design service available. $12 catalog. 707-746-1900; www.bradbury.com

California Products Corp. 340
See our ad on page 114
Free literature. 800-225-1141; www.californiapaints.com

Carlisle Wide Plank Floors 127
See our ad on page 14
Traditional Wide Plank Flooring. We have been America's source for custom-crafted flooring for over 30 years. Free Literature. 800-595-9663; www.wideplankflooring.com

Charles Rupert 298
See our ad on page 145
William Morris, Victorian, Arts & Crafts and Art Nouveau wallpapers, fabric, and tiles by mail order. On-line catalog and sample cutting service. Free literature. 250-592-4916; www.charles-rupert.com

Controlled Energy 136
See our ad on page 138
European Style Tankless Water Heater. Free literature. 800-642-3199; www.controlledenergy.com/oh

Crown City Hardware 88
See our ad in the inside back cover
Hard-to-find hardware, from the 16th century to the 1930s, brass, iron, pewter, and crystal. Free catalog includes informative text and high-quality restoration hardware. 626-794-1188; www.restoration.com

Crown Point Cabinetry
See our ads on pages 7, 137 & 139
Furniture quality, period style, custom cabinetry for kitchens, baths, and beyond. We build by hand. We sell direct. 800-999-4994; www.crown-point.com

Cumberland Woodcraft 141
See our ad on page 158
Architectural millwork, Victorian gingerbread, porch trim, gables, screen and storm doors, fireplace mantels and paneling, Victorian wall coverings and wallpaper. Literature $5. 800-367-1884; www.cumberlandwoodcraft.com

Custom Leather Crafts Mfg., Inc 398
See our ad on page 57
800-325-0455 ext 109; www.clccustomleathercraft.com

Decorators Supply Corp. 110
See our ad on page 53
Manufactures 16,000 different ornaments in plaster, wood, composition. Established in 1893. Free literature available. 773-847-6300; www.decoratorssupply.com

Designer Doors 144
See our ad on page 52
Handcrafts architecturally correct custom and standard wood overhead garage and service doors. For a complete portfolio visit www.designerdoors.com. 800-241-0525

Elmira Stoveworks 271
See our ad on page 37
Builders of antique and retro 1950s styled appliances. Literature $5.00 800-295-8498; www.elmirastoveworks.com

Faux Effects International 330
See our ad on page 143
Manufacturer of world's most extensive line of waterbase faux and decorative finishing products for the professional and DIY. Workshops offered in 60 locations. 800-270-8871; www.fauxstore.com

Fein Power Tools 151
See our ad on page 24
Makers of the world's first power tools. 1895. Free literature. 800-441-9878

Fischer & Jirouch 91
See our ad on page 60
Plaster Ornament. Restoration and reproduction with fiber-reinforced plaster. Complete catalog of 1,500 items, $10. 216-361-3840

Follansbee Steel 93
See our ad on page 113
Metal Roofing Materials. RAPIDDRI acrylic, water-based metal paint. Free catalog. 800-624-6906; www.folrfg.lbcorp.com

Franmar Chemical 444
See our ad on page 59
800-538-5069; www.franmar.com

Georgia Pacific 317
See our ad on page 34
Leading manufacturer of building materials, provides a wide selection of reliable products through leading retailers throughout the US. Free literature. 800-BUILD-GP www.gp.com/build

Resource Network Listing

HA Framburg 175
See our ad on page 116
One of the finest traditions in lighting since 1905. Offers over 400 styles from Gothic to soft contemporary. Literature $15. 800-796-5514; www.framburg.com

The Hearth Collection/ Stone Mfg.
See our ad on page 33
Source for the world's finest fireplace furnishings, fireplace toolsets, and irons, fireplace screens, chenets, fenders, log bins, and more. Free literature. 310-323-6720; www.stonemfg.com

Hull Historical Millwork 490
See our ad on page 56
Molding of all kinds. www.hullhistorical.com

Hutchison Inc. 148
See our ad on page 135
Manufacturer and distributor of fencing and wire products, livestock equipment, building products and lumber. Free literature. 800-525-0121; www.hutchison-inc.com

Hyde Park Fine Art & Moulding 584
See our ad on page 43
Supplies architectural plaster to the most trusted professionals in the United States and abroad. Free literature. 718-706-0504; www.hyde-park.com

The Iron Shop
See our ad on page 48
The Iron Shop® has enjoyed a reputation for quality and value in spiral stairs. Spirals available in Metal, Oak, Victorian Cast Aluminum Kits and All Welded Custom Units. FREE catalog. 800-523-7427, ext. OHJ; www.TheIronShop.com/OHJ

Jeld-Wen
See our ad on the inside front cover and page 3
www.jeld-wen.com/JW6

Johns Manville 309
See our ad on page 29
Save energy and up to $600 a year when you properly insulate your home. ComfortTherm AE insulation is wrapped in plastic so there is less itch and dust. 800-654-3103 www.jm.com

Kroy Building Products 314
See our ad on page 124
Vinyl fence, deck, handrail & pergolas are the final touches to maintenance free home and the perfect complement to vinyl siding & windows. Free literature. 800-933-KROY; www.kroybp.com

Loewen Windows 334
See our ad on page 13
By using only Douglas fir, Loewen ensures that a certain imperviousness is built into its windows from the very start. Free literature. 800-563-9367; www.loewen.com

Luminaria Lighting 534
See our ad on page 120
Providing superior quality vintage lighting since 1984. Expertise in: antique light fixtures, authentic reproduction, and custom fabrications. Catalog available. 800-638-5619; www.luminaria.com

Mantels of Yesteryear 481
See our ad on page 61
Manufacture highest quality reproduction mantels, pier mirrors, colonnades, custom orders. Large inventory antique mantels. national distributor, pearl and balmer mantels. Literature $8.00. 706-4925534; www.mantelsofyesteryear.com

Marvin Windows 323
See our ad on page 23
30-page catalog featuring wood and clad wood windows and doors. Beautiful color photographs and information on standard and custom products. Free. 800-268-7644; www.marvin.com

Med Imports 505
See our ad on page 62
Terramed, an all natural textured interior wall coating made of clay imported from France, is available in 12 authentic colors. Free literature. 866-363-6334; www.medimports.net

Meyda Tiffany 292
See our ad on page 120
25,000 old house lighting styles: Tiffany Reproductions, Arts & Crafts, Mission, Lodge, Victorian. Chandeliers, lamps, sconces, outdoors lanterns, home accessories, and more. Free literature. 800-222-4009; www.meyda.com

Minwax® Easy Weekend Projects Booklet .126
See our ad on pages 108, 109 & 141
This attractive 12-page guide contains easy wood finishing and home decorating projects you can do in a weekend. Also featured are helpful tips and techniques on wood maintenance and repair. Free. Visit our website at www.minwax.com

Mitsubishi 99
See our ad on page 9
Ductless Technology. Supplier of the Mr. Slim line of ductless air conditioners & heat pumps. Free catalog. 800-433-4822; www.mrslim.com

Nostalgic Warehouse 101
See our ad on page 63
The original door hardware company, offers door hardware, cabinet hardware, and accessories in six distinctive finishes. Free literature. 800-322-7002; www.nostalicwarehouse.com

Old California Lantern Co 404
See our ad on page 47
California history and architecture inspire our lantern designs. Pasadena series of Arts & Crafts lanterns, Shutters Mill series of mid-1800s oil lanterns. Free catalog. 800-577-6679; www.old-california.com

Old World Stoneworks 486
See our ad on page 40
Fine line of cast stone mantels by leading designer. Adaptable to all masonry and metal insert fireboxes. Free catalog. 800-600-8336; www.oldworldstoneworks.com

Paul Downs Cabinetmakers
See our ad on page 11
610-664-9902; www.pauldowns.com

Persian Carpet 482
See our ad on page 38
Founded in 1976. The first full service oriental carpet store in Durham, NC. Direct importers. Wholesale/retail. Free literature. 800-333-1801; www.persiancarpet.com

Rainhandler
See our ad on page 127
Modern gutters that convert roof runoff to rain sized drops and spread them in a swath 2 to 3 feet wide away from the home. Free Literature. 800-942-3004; www.rainhandler.com

Rejuvenation Lamp & Fixture 105
See our ads on the back cover and page 118
Authentic Lighting Reproductions. Over 280 chandeliers, wall brackets, porch lights & lamps, Victorian, Arts & Crafts & Neoclassic styles. Free catalog. 888-343-8548; www.rejuvenation.com

Rust-oleum 355
See our ad on page 21
www.rustoleum.com; www.paintideas.com

Southern Wood Floors 541
See our ad on page 12
Harvests buildings, not trees, to make Antique Heart Pine. Historic wood, meticulously milled for floors, walls, and cabinet stock. Free literature. 888-488-PINE; www.southernwoodfloors.com

Resource Network Listing

Steptoe & Wife ..... .347
See our ad on page 139
Since 1972. Decorative cast iron spiral & straight staircase kits; custom architectural and ornamental metalwork including railings, grilles, and grates. Manufacturer of Curtains Up™ drapery hardware. Free literature. 800-461-0060; www.steptoewife.com

Strictly Wood Furniture, Co.

Strictly Wood Furniture 350
See our ad on pages 18 & 19
800-278-2019; www.strictlywoodfurniture.com

Superior Clay ..... .538
See our ad on page 143
Manufacturers of clay chimney tops and Rumford Fireplace components. Visit our Web site at www.superiorclay.com. 800-848-6166

Tendura ..... .258
See our ad on page 16
TenduraPlank is a composite wood tongue-and-groove plank for porches. It is warranted for the lifetime of the orginial homeowner. Free literature. 800-TENDURA; www.tendura.com

Tile Source Inc. ..... .204
See our ad on page 144
Free literature. 770-993-6602

Timberlane Woodcrafters 205
See our ad on page 151
Shutters. Free color catalog. 800-250-2221; www.timberlanewoodcrafters.com

Unico Systems 207
See our ad on page 60
The mini-duct heating and cooling system specifically designed to preserve the architectural integrity of older and historically significant homes. Free literature. 800-527-0896; www.unicosystem.com

Van Dyke's Restorers ..... .195
See our ad on page 44
Give your home period appeal! Thousands of items geared toward vintage home and antique furniture restoration or new construction. Free literature. 800-558-1234; www.vandykes.com

Vermont Soapstone 406
See our ad on page 132
Miners, manufacturers and importers of architectural soapstone products including sinks, counters and custom cut. Free literature. 802-263-5404; www.vermontsoapstone.com

Vintage Woodworks ..... .209
See our ad on page 141
Architectural Details. Vast array of brackets, corbels, gable decorations, mouldings, porch parts, screen doors, & much more! Free 192-page Master Catalog. 903-356-2158; www.vintage-woodworks.com

Vixen Hill ..... .109
See our ad on page 144
Authentic western red cedar mortise & tenon teak pegged shutters in over 20 raised panel and louvered styles to choose. Free literature. 800-423-2766; www.vixenhill.com

White River Hardware ..... .245
See our ad on page 39
800-558-0119; www.mouldings.com

Wirsbo ..... .421
See our ad on page 4
Wirsbo system turns beautiful floors into warm and cozy radiators. Clean, quiet heating that saves you money on your fuel bills. Free literature. 800-321-4739; www.wirsbo.com

Woodline 239
See our ad on page 58
Architectural wood production: carved corbels, stair parts, finals, balusters, newels, rosettes, columns, capitals & posts. Large inventory & special orders. Free literature. 562-436-3771 www.woodlineusa.com

Woodstone Co. ..... .221
See our ad on page 30
Custom manufacturer of high performance wooden architectural windows and doors. Utilizing today's technology with old world craftsmanship. Free literature. 802-722-9217; www.woodstone.com

Zipwall ..... .315
See our ad on page 123
Free literature. 781-648-8808; www.zipwall.com

AA Abbingdon Affiliates, Inc. pg 155 ..... .111
Victorian & Art Deco ceiling & wall panels. 15 cornices, pre-cut miters and center medallions. Stainless steel and solid copper for kitchen backsplash. Free literature. 718-258-8333; www.abbingdon.com

Adams Architectural Wood Products pg. 154 ..... .176
Custom made traditional wood storm, screens, storm doors, sash, units, combination storm/screens, round top, true divided lites. Free literature. 888-285-8120 www.adamsarch.com

Aladdin Mantle Lamp Co. pg. 118 ..... .453
866-818-6935

Alameda Shade Shop pg. 143 ..... .577
Free literature. 510-522-0633; www.shadeshop.com

Alden Corporation pg. 113 ..... .289
800-832-5336; www.aldn.com/xout.html

Alpha Omega Western Furnishings Inc. pg. 120 ..... .485
Since 1983, creating authentic Wagon Wheel Chandeliers. Also benches, tables, mirrors...from solid hardwood. Except lighting, products guaranteed impervious to weather. Literature $3, refundable. 800-959-7320; www.alpha-omegawf.com

Alternative Timber Structures pg. 168 ..... .296
Custom built solid wood doors. Quality special wood, recycled & new. Free literature. 208-456-2711;www.alternativetimberstructures.com

Amazon Drygoods pg. 144 ..... .494
Sewing patterns for period window treatments. Over 70 full-sized patterns, total of 181 styles. Literature $3.00. 563-322-6800; www.amazondrygoods.com

American International Tool pg. 154 ..... .117
Free literature. 800-932-5872;www.paintshaver.com

American Windsor Co. pg. 168 ..... .96
Handcrafted, highest quality, bow-back $225, sack-back $365, comb-back $365, rockers $390. Free shipping USA, 262-767-1163; www.americanwindsorcompany.ypgs.net

Antique Hardware & Home pg. 143 80
Renovation Hardware. Hard-to-find supplies: brass cabinet hardware, lighting, pedestal sinks, old-fashioned bathtub showers & fixtures. Free catalog. 800-422-9982; www.antiquehardware.com

Architectural Artifacts pg. 153 ..... .400
30,000 sq. ft. antique architectural/garden ornamentation: lighting, mantels, plumbing, hardware, doors, statuary, urns. Call for detailed information! Free literature. 419-243-6916

Architectural Grille pg. 137 76
Bar grilles & perforated grilles custom made in any material or finish for heating and ventilating. Free literature. 718-832-1200; www.archgrille.com

Architectural Products by Outwater pgs. 122, 167 ..... .285
Building? Remodeling? Now you can finally buy like the pros! Outwater offers 40,000+ decorative building products at the lowest prices! Free literature. 888-772-1400; www.archpro.com

ARSCO Manufacturing pg. 155 ..... .120
Manufacturers of metal radiator covers and enclosures for steam and hot-water heating systems. Fintube, fancoil, pipe covers, and custom metal cabinetry. Free literature. 800-543-7040; www.arscomfg.com

Ball & Ball pg. 132 ..... .243
Victorian hardware. $7 catalog. 800-257-3711; www.ballandball-us.com

Bearly Country pg. 168 ..... .294
Early American home furnishings, lighting & decorating accessories. 570-374-3855; www.bearly-country.com

Belmont Technical College pg. 154 122
Assoc. degree in Building Preservation. Free literature. 740-695-9500, ext. 4006; www.btc.edu

Bendheim pg. 62 123
Exclusive North American importer of original restoration glass — handmade for use in authentic restorations. Free literature. 800-221-7379; www.originalrestorationglass.com

Better Header pg. 137 471
877-243-2337; www.betterheader.com

Bilco Company pg. 135 81
Manufactures quality basement doors for reliable direct access to basement areas for storage and secondary egress. Free literature. www.bilco.com; 203-934-6363

Broad Axe Beam pg. 159 320
Eastern white pine wide board flooring in widths of 8″, 10″ and 12″ with a shiplap edge. Literature $3.00. 802-257-0064; www.broad-axebeam.com

Calvert USA, Inc. pg. 144 102
Importer and distributor of European attic stairs. Wooden and aluminum stairs for almost any ceiling opening and height. Free literature. 866-477-8455; www.calvertusa.com

Canvasworks pg. 167 291
Painted canvas floorcloths & furnishings for the home. Custom sizes, colors and designs. $5 brochure. 802-263-5410; www.canvasworksfloorcloths.com

Caravati's Inc. pg. 168 472
Specializes in salvage & architectural artifacts from old buildings. Free literature. 804-232-4175; www.recentruins.com

Chadsworth's 1.800.Columns pg. 64 87
Wood, PolyStone™ and fiberglass columns. Free Flier. Idea book $15 includes product portfolio. 800-486-2118; www.columns.com

Chelsea Decorative Metal pg. 138 131
Pressed tin for walls and ceilings. Victorian to Art Deco styles. 6″ or 24″ repeat patterns. Ship anywhere. Literature $1. 713-721-9200; www.thetinman.com

Cinder Whit & Company pg. 153 133
Produces porch posts, newel posts, balusters, spindles, finals, and handrails in stock or replica designs. Free literature.800-527-9064; www.cinderwhit.com

Classic Accents pg. 145 134
Makers of push-button light switches, wall plates, fancy tassels, cord, moulding, Hook & Edison light bulbs, etc. $2 catalog. 734-284-7661; www.classicaccents.net

Classic Ceilings pgs. 133 & 151 .....321, 477
Free literature. 800-992-8700; classicceilings.com; www.crownmoldings.net

Classic Gutter Systems pg. 160 135
Gutter Projects. Free literature. 616-382-2700; www.classicgutters.com

Clawfoot Supply pg. 114
Supplier of new Victorian bath fixtures. Featuring clawfoot tubs, pedestal sinks, faucets, add-a-shower kits, shower curtain rods, and accessories. Literature $10. 877-682-4192; www.clawfootsupply.com

Cohasset Colonials pg. 160 462
Authentic reproduction early American furniture, lighting, gifts, and accessories. Make your own antique from kits. Custom finished furniture available. Free literature. 800-288-2389; www.cohassetcolonials.com

Coppa Woodworking pg. 136 137
Wood screen doors. Free catalog. 310-548-5332; www.coppawoodworking.com

Country Road Associates pg. 138 139
19th century reclaimed wood for flooring in pine, chestnut, oak, heartpine, hemlock, and more. Barnsiding and hand-hewn beams. Free color literature. 845-677-6041; www.countryroadassociates.com

Custom Wood Turnings pg. 161 142
Custom-made balusters, newel posts, handrail, porch posts and legs. Specialize in roping, fluting & reeding. Any wood species. Literature $5.50. 860-767-3236; www.customwoodturnings.com

Dahlhaus Lighting pg. 155 539
Vintage European lighting for residential, commercial and civic sites, plus a unique collection of bollards, ornaments, and mailboxes. Free literature. 718-599-5413; www.dahlhaus-lighting.com

Dakota Alert pg. 64 581
Wireless driveway alarms. An alert will sound in the house anytime someone walks or drives up the lane. Free literature. 605-356-2772; www.dakotaalert.com

Designs in Tile pg. 159 145
English & American Victorian and Arts & Crafts tiles. Coordinated art borders, field patterns & murals. 3″ x 6″ subway tile/trim. Historic mosaic flooring. Literature $3. 530-926-2629; www.designsintile.com

Donald Durham pg. 159 147
Rock-Hard Putty. Free literature. 515-243-0491; www.waterputty.com

Enchanted Lace pg. 142 571
Offers a wonderful selection of window and table lace designs. 800-497-8615; www.enchantedlace.net

Endless Pools pg. 157 253
8′ x 15′ pool with adjustable current. Free video. 800-233-0741; www.endlesspools.com

Erie Landmark pg. 160
Custom-Made Plaques. Free brochure. 800-874-7848; www.erielandmark.com

Felber Ornamental Plastering Corp. pg. 114 152
Ornamental plaster moulding, ceiling medallions, cornices, domes, brackets, friezes & panel ornamentation. Literature $3.00; 800-392-6896.

Fires of Tradition pg. 62 288
Victorian cast fireplaces, grates, ceramic tiles, mantels for wood, gas, or electric, new contruction or renovation. Literature $6. 519-770-0063; www.firesoftradition.com

Fox Fire Fine Furniture pg. 168
Purveyor of the finest handcrafted American furniture by D.R. Dimes and Co. Literature $5. 877-477-2722; www.foxfirefinefurn.com

French Creek Trading Co. pg. 168 470
Historic flags 13 to 50 stars. made in USA. Visit us on the web or call anytime. 610-983-0774; www.usflagshop.com

Gates Moore pg. 120 155
Early American design lighting fixtures. Copper lanterns, chandeliers, wall sconces and hall lights. Literature $2.00. 203-847-3231; www.gatesmoorelighting.com

Glass Art of New England pg. 168 443
Hand blown glass over brass newel post balls, smooth, ridged and crackled in a variety of colors or special orders. Free literature. 987-448-6063; www.glassartne.com

Goddard Mfg. pg. 154 227
Custom building quality spiral stairs. All steel, all wood or any combination of the two starting at $485.00. Free literature. 785-689-4341; www.spiral-staircases.com

Golden Flue pg. 156 159
Chimney liners. Free information. 800-446-5354

Good Time Stove pg. 158 160
Antique Stoves. 888-282-7506; www.goodtimestove.com

Handmade Windsor Chairs by Kurt Lewin pg. 168 198
Free literature. 757-331-4848; www.lewinwindsorchairs.com

Historic Houseparts pg. 138 266
Salvaged and reproduction hardware, lighting, plumbing, stained glass, woodwork, mantels, and more. Huge selection. Literature $4. 888-558-2329; www.historichouseparts.com

HomeSaver Chimney Liners pg. 155
For restoring great old chimneys in great old homes. Free literature. 800-437-6685; www.homesaver.com

House of Antique Hardware pg. 141 495
One of the largest selections of antique and vintage reproduction house hardware. Selections available in our online catalog. 888-223-2545; www.houseofantiquehardware.com

Hydro-Sil/ Santech Industries pg. 123 250
Hydronic Heater. Clean, safe, healthful and inexpensive floor-to-ceiling warmth. Portable or permanent baseboard installation. Free literature. 800-627-9276; www.hydrosil.com

Inclinator Co. of America pg. 159 234
800-456-1329; www.inclinator.com

Innerglass Window Systems pg. 144 589
Vinyl framed glass interior storm window, with concealed springing systems that requires no all around track. Conforms to any window opening. Free literature. 800-743-6207; www.stormwindows.com

Innovative Solutions Worldwide pg. 154 448
Interior wall & ceiling crack repair, exterior waterproof patching compounds, soyoil-based one coat waterproof, weatherproof roof & wall coatings. Free literature. 800-827-2056; www.tkcoatings.com

Into the Woods pg. 168 177
Old fashioned wooden toys. Jacob's ladders, buzzsaws, tops, whimsy diddles, spool tractors, and others. Reproduction of real wooden toys. Free catalog. intothewoods@earthlink.net

JMS Millworks pg. 52 214
Manufacturer of rope trim mouldings & spiral columns. Most items available from stock. Rope trim available from 1/4″ in diamter to 5″ in diameter. Spiral columns from 6″ tp 24″ in diameter. In any species. 800-JMS-0221; www.jmswoodproducts.com

Josiah R. Coppersmythe pg. 120 480
Catalog $3.00. 508-432-8590; www.jrcoppersmythe.com

Kayne & Son Custom Hardware pg. 168
Custom forged strap hinges, bolts, fireplace tools & accessories, and latch sets. Custom cast thumb latch set and locks. Builders household hardware, resoration. Literature $5.00. 828-667-8868

Kestrel Manufacturing pg. 56 390
800-494-4321; www.diyshutters.com

King's Chandelier Company pg. 122 172
Designers & manufacturers of beautiful all crystal chandeliers, sconces & candelabra and Victorian gas reproductions. $6 color catalog. 336-623-6188; www.chandelier.com

Luminaria Lighting pg. 120 534
Providing superior quality vintage lighitng since 1984. Expertise in: antique light fixtures, authentic reproductions, and custom fabrication. Catalog $3.00. 800-638-5619; www.luminaria.com

M-Boss, Inc. pg. 55 342
Tin ceiling manufacturer specializing in antique replication, contemporary and custom designs. Available in nail-up or drop ceiling sizes. Free literature. 866-886-2677; www.mbossinc.com

M.L. Condon Co. pg. 153 527
914-946-4111

Mac the Antique Plumber pg. 156 174
Plumbing, lighting and hardware for the entire home with vast selection. Order our 200+ page color catalog (refundable) or shop online. Great deals! Catalog $6.00; 800-916-2284

Masterworks pg. 52 475
Offers the finest, meticulously detailed ceiling medallions, mouldings and lampposts crafted from easy-to-install, durable resin-based materials built to last. Free literature. www.amasterworks.com

Materials Unlimited pg. 156 359
800-299-9462; www.materialsunlimited.com

McFeely's Square Drive Screws pg. 140 423
Tired of broken or mangled screws? McFeely's square drive screws are easy to drive and strong too! Free color catalog. 800-443-7937; www.mcfeelys.com.

Miracle Sealants pg. 154 591
800-350-1901; www.miraclesealants.com

Monarch Products pg. 160 255
Manufacturer of stock and custom radiator covers. Offer 22 models for home, office, institutions, etc. Free literature. 201-507-5551; www.monarchcovers.com

Muttbaker.com pg. 145 548
Online distributor of Warm Tiles for comfortable tile floors in baths and kitchens. www.muttbaker.com

Nixalite of America pg. 155 178
Stainless-steel bird control strips are effective, safe, and humane. Complete line of bird and wildlife control products. Free literature. 800-624-1189; www.nixalite.com

Resource Network Listing

Old Fashioned Milk Paint pg. 58 573
Genuine, all-natural milk paint since 1974. Authentic Colonial and Shaker finish in powder form, just add water and mix. Free literature. 978-448-6336 www.milkpaint.com

Olde Good Things pg. 65 384
570-341-7668; www.oldegoodthings.com

Pagliacco Turning & Milling pg. 140 454
Manufacturer of top quality interior and exterior, custom and production turnings and millwork. Literautre $6. 415-488-4333; www.pagliacco.com

Patina Finishes & Copper Coatings pg. 160 ...272
Copper, brass, bronze, pewter, iron coatings for all surfaces. Faux finishes, antique patina in green, blue, brown, black, burgundy, & rust. Free literature. 800-882-7004; www.patinasfinishes.com

Pattern Cut, Inc. pg. 153 476
Free literature. 714-994-9604; www.patterncut.com

Preservation Products pg. 159 185
Roof restoration systems. Reflective roofing, weather proof, elastomeric coatings for roofs, walls, decks, and other substrates. Free literature. 800-553-0523

PRG, Inc. pg. 156 270
Instruments, tools, field related products and publications for those concerned with evaluation, preservation, conservation and restoration of architecture and objects. Free literature. 800-774-7891; www.prginc.com

Putnam Rolling Ladders pg. 58 201
Custom made rolling ladders. Woods: oak, ash, birch, maple, cherry. mahogany, & walnut. Finishes: black, brass plated, chrome plated, antique brass, satin nickel, brushed chrome, oil rubbed bronze. Free literature. 212-226-5147;
www.putnamrollingladder.com

Radiant Electic Heat, Inc. pg. 112 483
CeramiCircuit ™ heaters offer installation ease, superior comfort and economy. 50+ years of unparalleled service. Baseboard, wall, and cove mounted styles. Free literature. 800-774-4450; www.electricheat.com

Reggio Register pg. 140 189
Manufacturer of elegant cast-brass, cast-iron, cast-aluminum, and wooden heating grilles. Quality and beauty to last a lifetime. Free Literature. 978-772-3493; www.reggioregister.com

Research Product pg. 142 234
Incinolet incinerates waste to germ-free ash. No water, no order, no pollution, no problem. 120 or 240 volts electric required. Free literature. 800-527-5551; www.incinolet.com

Roy Electric pg. 120 192
Manufacturers of Victorian, turn-of-the-century, and Arts & Crafts lighting. Gas and electric fixtures; interior and exterior, sconces, pendants, wall brackets. Free color catalog. 800-366-3347;
www.royelectric.com

RTI Pex Piping System pg. 161 100
Radiant heating for any project, any time. Floors, walls and ceilings. Experience the clean, efficient comfort of radiant heating. Free literature.
800-784-0234; www.radiant-tech.com

Sanitary For All pg. 159 500
Macerating systems allow installation of extra bathroom facilities almost anywhere in a building. It's no longer dictated by the need for gravity flow. Free literature. 519-824-1134; www.saniflo.com

Shaker Workshops pg. 143 257
Reproduction shaker furniture: dining chairs & tables, bar stools, rockers, beds, clocks, side & coffee tables. Kits or custom finished. Reproduction shaker chair tapes. Free literature. 800-840-9121;
www.shakerworkshops.com

Schroeder Log Home Supply pg. 139 484
"Your log home hardware store". Books, tools, restoration products, caulk, chinking. fasteners, preservations, hardware. Free literatire.
800-359-6614; www.loghelp.com

Sheldon Slate Products Co., Inc. pg. 140 272
207-997-3615; www.sheldonslate.com

Sheppard Doors & Glass pg. 62 331
We build and sell custom beveled & stained glass, doors, sidelights, transoms. and entryways. We speak "Craftsman" fluently. Free literature. 832-644-2444; www.beveldoor.com; www.craftsmandoor.com; www.stainedglassdoor.com

Shutter Depot pg. 156 79
Exterior and interior shutters— all types and sizes. Full line of hardware. Free literature. 706-672-1214; www.shutterdepot.com

Shuttercraft, Inc. pg. 153 585
Complete line of quality wood shutters: interior & exterior; movable louver, fixed louver, raised panels, hardware & full painting service. Free literature. 203-245-2608; www.shuttercraftinc.com

Snelling's Thermo-Vac, Inc. pg. 136 196
Decorative, polymer ceilings and moldings for interior and exterior use. Residential and commercial applications. Free literature. 318-929-7398; www.ceilingsmagnifique.com

Southampton Antiques pg. 168 213
Largest selection of fine quality antique American Victorian furniture in Northeast. Over 400 pictures in online catalog. 413-527-1022;
www.southamptonantiques.com

Southern Group Enterprises, Inc. pg. 154
Manufacturers & distributors of architectural fireplace mantels in natural marble. All styles, stock designs & custom work. Free literature.
888-458-3716; www.uniquemantel.com

Southwest Forge & Door pg. 145
Authentic hand forged & cast door, cabinet, and bath hardware & accessories. Literature $2.00.
800-811-0181; www.southwestforge.com

SpacePak pg. 64 352
A unique central air conditioning system designed for simplified installation in residential or commercial properties where traditional services are not practical or desirable. Free literature. 413-564-5530; www.spacepak.com

Specification Chemicals, Inc. pg. 144 108
Nu-Wal offers an easy to do-it-yourself, affordable and long lasting system for repairing cracked plaster walls and ceilings. Free literature. 800-247-3932; www.nu-wal.com

Stairways Inc. pg. 156 588
Spiral stairs in steel, aluminum, wood, brass, and stainless. Any size. Complete unit or kits. Free brochure. 800-231-0793; www.stairwaysinc.com

Stair World Inc. pg. 142
Specializing in curved and spiral staircases, stair parts, interior & exterior railing components and columns to suit all of your stair needs. Free literature. 800-387-7711; www.stairworld.com

Steven Handelman Studios pg. 157 546
Hand forged iron lighting inspired by European and traditional early 20th-century American Architecture. Over 350 distinctive original designs. 805-962-5119; www.stevenhandelmanstudios.com

Sylvan Brandt, LLC pg. 160 113
Free literature. 717-626-4520;
www.sylvanbrandt.com

Terry Clocks pg. 168 479
Pillar and scroll clock reproductions by living relative. Free literature.574-858-2404;
www.alcasoft.com/terry_clocks.

Tewksbury Windsors pg. 168 303
888-9-WINDSOR; www.windsorchairs.org

Texas Iron Fence & Gate pg. 158 281
Literauture $4. 940-627-2718;
www.texasironfence.com

TK Coatings LLS pg.154 448
Interior wall and ceiling crack repair, exterior waterproof patching compounds, soyoil based one coat waterproofing, weatherproof roof & wall coatings. Free information. 800-827-2056;
www.tkcoatings.com

Touchstone Woodworks pg. 161 587
Mortise and tenon mahogany screen storm doors, individually handcrafted for the diverse range of sizes and styles, peculiar to old houses. Literature $3. 330-297-1313 www.touchstonewoodworks.com

Triton International Woods pg. 136 435
866-319-6637; www.tritonwoods.com

Under Glass Mfg. Corp pg. 161 489
Exclusive manufacturer of Lord & Burnham greenhouses and solariums. 845-687-4700;
www.underglasusa.com

United Crafts pg. 52 491
203-869-4898

Victorian Lighting Works pg. 122 208
Free literature. 814-364-9577; www.vlworks.com

Vintage Plumbing Bathroom Antiques pg. 158
Rare and unusual antique toilets, tubs, sinks, showers, accessories. Obsolete parts restored and replicated. Literature $2.00 818-772-1721;
www.vintageplumbing.com

W.F. Norman Corp. pgs. 157 & 155 ..... 211, 402
Tin Ceilings. $3 catalog. Architectural Sheet Metal Ornaments. $2.50 catalog. 800-641-4038

WM J. Rigby Co. pg. 156
Unused original builders' hardware ca. 1860-1940. Also a wide assortment of restored quality hardware. 807-547-1900; ww.wmjrigby.com

Ward Clapboard Mill pg. 151 212
Quartersawn Clapboards. Free brochure.
802-496-3581

Waterlox Coatings Corp. pg. 160 335
Hand-made blend of tung oil and resin provides superior penetration, protection and beauty to all wood surfaces, and is easy to use and maintain. Free literature. 800-321-0377; www.waterlox.com

Welsh Mountain Slate pg. 157 459
Slate-look roof shingle made from recycled tire rubber and polymers. Free literature. 800-865-8784; www.welshmountainslate.com

What Its Worth Inc. pg. 64 238
Antique longleaf heart pine flooring, posts & beams. Our specialty is clear, high grade, vertical grain flooring and mill stock. Free literature. 512-328-8837; www.quartersawnantiquepine.com

With Heart & Hand pg. 38 493
Free literature. 800-884-9980;
www.withheartandhand.net

Wohner's Inc. pg. 54 179
Since 1909. Handcrafted wood fireplace mantels, corbels, onlays, capitals, mouldings, and more. Large stock inventory. Literature $5.00. 201-568-7307; www.wohners.com

Wolff House Art Papers pg. 133
Hand-screened wallpapers for restoration and decoration of period interiors. Reproduction services available.Literature $2 740-392-4947 www.wolff-houseartpapers.com

The Wood Factory pg. 143 263
Historically accurate millwork reproductions researched and copied from period catalogs. Doors, mouldings in many species. Specialists in custom work. Literature $2. 936-825-7233

YesterYear's Doors pg. 151 336
Distinctive solid wood doors — Victorian, screen/storm, interior, and exterior doors. Custom made & elegantly handcrafted. Choice of woods, many designs. Free literature. 800-787-2001; www.vintagedoors.com

York Spiral Stairs pg. 130 438
Wood spiral stairs manufactured from red oak and other fine hardwoods.Free literature. 800-996-5558; www.yorkspiralstair.com

Historic Properties

OLD-HOUSE JOURNAL
presents old &
interesting properties throughout the
country in

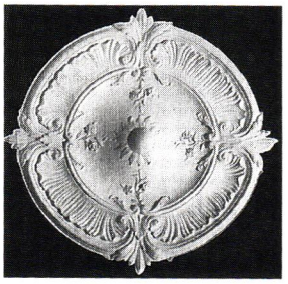
Swaps & Sales

To list your property, call
Munira Marlowe
National Real Estate Manager
(540) 785-5705
or email
mmarlowe@restoremedia.com

Yester Year's
Vintage Doors & Millwork
Distinctive Solid Wood Doors
Victorian Screen/Storm
Interior/Exterior
Solid Raised Panels
Custom Sizes
"Just like the olden days!"
(800) 787 - 2001
www.vintagedoors.com

Circle no. 336

Classic Ceilings

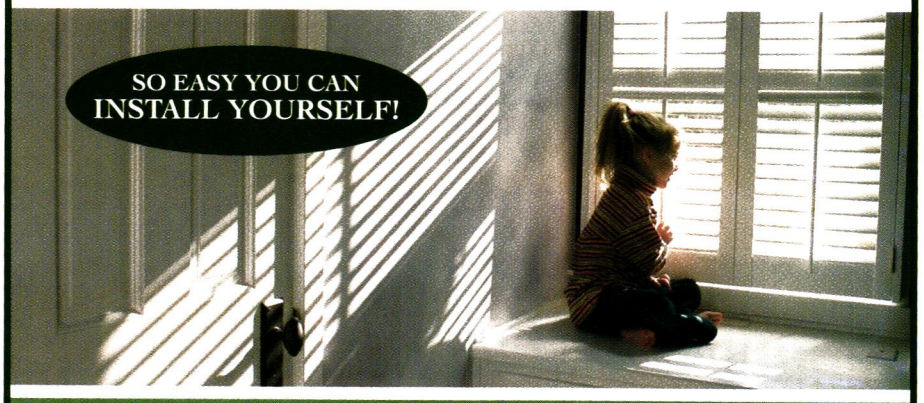


"The Quality of Yesteryear"
902 E. Commonwealth Ave. Fullerton, CA 92831
Phone (800) 992-8700
Fax (714) 870-5972
www.crownmoldings.net

Ceiling Medallions Crown Moldings
Chair Rails Frames & Borders

Circle no. 477

SIMPLICITY



Hundreds of hand-forged hardware pieces ready-to-ship

INTERIOR
SHUTTERS
EXTERIOR

Valuable information, ideas and options available at timberlane.com



EVERLASTING

TIMBERLANE

THE INDUSTRY LEADER IN INTERIOR AND EXTERIOR SHUTTERS

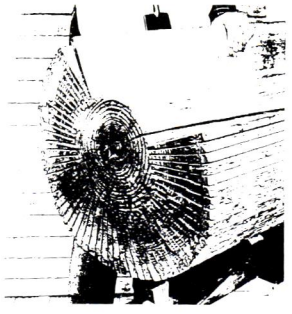
FREE CATALOG

800.250.2221 • timberlane.com

Circle no. 205

The Ward Quartersawn Clapboard

Authentically Produced Early American Clapboards



Over 100 years of continuous operation by the Ward family. Quartersawing produces a vertical grain which eliminates warping and accepts paint and stain easily for extended life and beauty. Spruce and pine. Widths from 4-1/2" to 6-1/2". Pre-staining available.

Ward Clapboard Mill

P.O. Box 1030
Waitsfield, VT 05673

Moretown, Vermont (802) 496-3581
Patten, Maine (207) 528-2933

Fax 802-496-3294

Circle no. 212

New Products



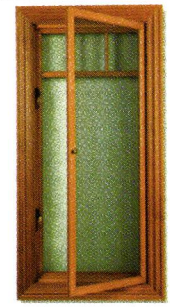
ALADDIN MANTLE LAMP CO.
Since 1908, Aladdin Mantle Lamps have represented the finest quality kerosene lamps available anywhere in the world. To order your Aladdin Lamp call toll free (866) 818-6935, or visit our website at www.aladdinlamps.com to view our entire line.

Circle no. 453



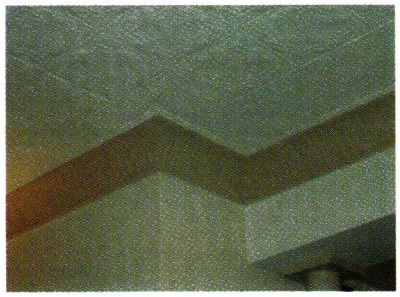
FRANMAR CHEMICAL
Soy*Gel is a consumer friendly paint, varnish, and urethane remover made from soybeans. Soy*Gel contains no methylene chloride, is not an alkaline based stripper, cleans up easily with water and lets you work without the odor.

Circle no. 444



LOEWEN WINDOWS
With Loewen, you may have trouble deciding which is more inspiring: the view outside your windows or the windows themselves. www.loewen.com 1800.563.9367.

Circle no. 334



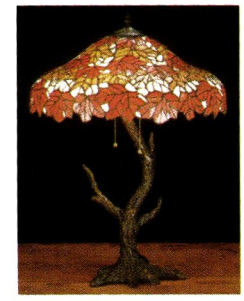
M-BOSS, INC.
Another example of the exquisite tin ceiling products of M-Boss Inc. Here, metal craftsmanship combines with a two-tone painting technique to create the vintage atmosphere the structure demands!

Circle no. 342



MED IMPORTS
Med Imports sells, Terramed, an all-natural interior wall coating made from clay, sand, and cellulose. Available in 12 colors derived naturally from clays of the Mediterranean. Terramed is entirely authentic, environmentally sound, and non-toxic.

Circle no. 505



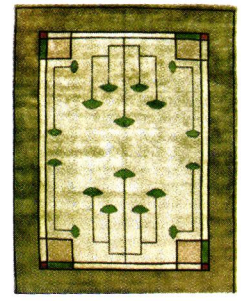
MEYDA TIFFANY
America's leading manufacturer and designer of decorative lighting, offers more than 3,500 vintage home lighting and decor styles. Art glass lamps, chandeliers, wall sconces, stained glass windows and fireplace screens, outdoor lanterns, and more.

Circle no. 292



MITSUBISHI ELECTRIC HVAC
Mr. Slim® split-ductless air conditioning and heating systems offer spot cooling and heating solutions for the home. Indoor unit installs high on the wall, freeing up valuable window space. Perfect for historic renovations and additions. www.mrslim.com

Circle no. 99



THE PERSIAN CARPET
Founded in 1976 is a full-service oriental carpet store in Durham, NC. Direct importers. Wholesale/retail. (800)333-1801

Circle no. 482



SCHROEDER LOG HOME SUPPLY, INC.
Specializes in quality log home care information and products like the new PostGuard™ rods that are used to prevent and treat decay and insect infestation in logs and timbers.
www. loghelp.com

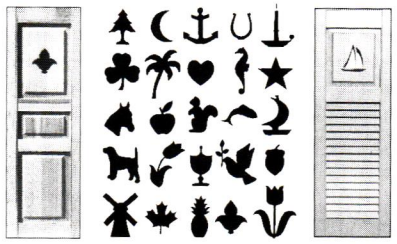
Circle no. 484



Circle no. 133

EYE CATCHING QUALITY RED CEDAR SHUTTERS

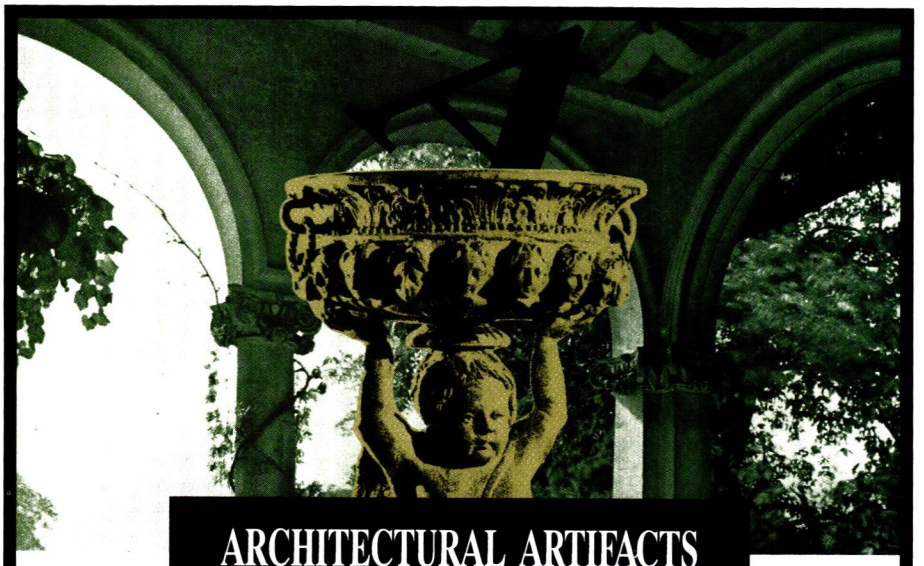
Delivered Right To Your Door!



Call for free brochure and assistance with your project.
Many shutter types available. Endless cut out possibilities!

Shuttercraft, Inc. **Call (203) 245-2608**
Guilford, CT **www.shuttercraft.com**

Circle no. 585



ARCHITECTURAL ARTIFACTS

One of the Midwest's largest sources for architectural and decorative goodies.

Visit our 30,000 sq. ft. showroom, specializing in architectural elements and garden ornamentation, tin work, lighting, mantels, statuary, iron, marble items, hardware, carvings, urns, decorative arts, columns, shutters, doors, religious artifacts and so much more.

The perfect source for new construction, remodeling or restoration projects.

20 S. Ontario St.,
Toledo OH 43602
Phone 419-243-6916
Fax 419-243-0094

Circle no. 400

CUSTOM MILLED MOULDINGS

ANY Width • **ANY** Length • **ANY** Thickness • **ANY** Profile • **ANY** Specie

MORE THAN 2,000 PROFILES AVAILABLE

- Coves
- Crowns
- Bases
- Ogees
- Panel Mouldings
- Sills, Stools, Astragals
- Chair Rails, Hand Rails, Bar Rails
- Casings
- Flutes and Reeds
- Flooring

Call for a prompt price quote.



Ask about our NEW Moulding Catalog!

M.L. CONDON COMPANY Inc.
254 Ferris Avenue, White Plains, NY 10603
Phone: (914) 946-4111 • Fax: (914) 946-3779

Circle no. 527

PATTERN CUT inc

Laminated Hardwood Air Supply Grilles

Ph (714) 994-9604
Fax (714) 994-9605

www.patterncut.com
e-mail: info@patterncut.com







Circle no. 476

We can solve your paint removal problems

PAINTSHAVER®

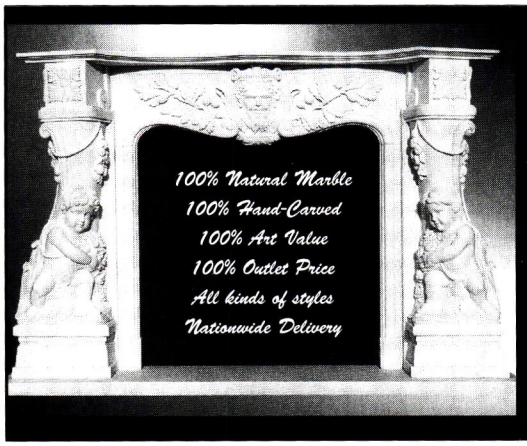
As seen on "This Old House"



- Strips 1 square foot of lead or regular paint from clapboard, shingles and flat surfaces in 15 seconds
- With dust control collector accessory, you can retrieve stripped debris into a vacuum system.

Call AIT, Inc. **1-800-932-5872** or visit **www.aittool.com**

Circle no. 117



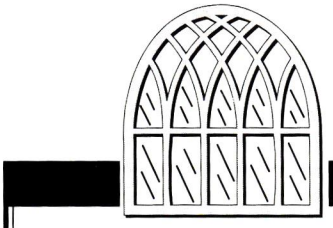
Southern Group Enterprises, Inc.

UNIQUE MANTEL CO.

2300 S. Reservoir St., #401
Pomona, CA 91766

Tel: 909.464.1818
Fax: 909-464-1787

www.uniquemantel.com
Regional distributors needed



ADAMS
ARCHITECTURAL
WOOD PRODUCTS

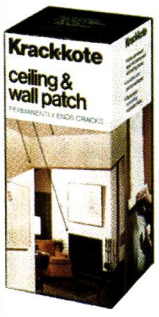
Traditional Storms, Screens and Sash; Mortise and Tenon—no finger jointing.

Individually handcrafted to your specifications. Quick turnaround. Cost? Less than you think.

Call **1-888-285-8120** to speak with one of our specialists.

300 Trails Road, Eldridge, IA 52748
www.adamsarch.com • adamsarc@yahoo.com
fax: 563-285-8003
Formerly Midwest Architectural Wood Products LTD.

Circle no. 176



END WALL & CEILING CRACKS FOREVER WITH KRACK-KOTE!

Don't fill cracks *over* and *over*, repair them permanently with **Krack-kote & Tuffglass Fabric**. Krack-kote's strong, flexible patch moves with old walls & ceiling, bridges cracks - **works where spackling fails** - won't shrink, harden or fall out. *No sanding. Invisible under paint or wallpaper. Excellent for plaster restoration.*

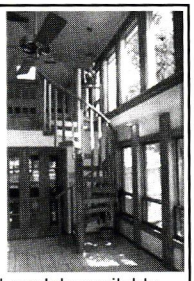
Trust Tuff-Kote products - repairing and restoring homes like yours for over 50 years.

TK Coatings, LLC
427 E. Judd Street
Woodstock, IL 60098

Order online at www.tkcoatings.com or call 1-800-827-2056

Circle no. 448

SPIRAL STAIRCASES CUSTOM BUILT TO YOUR ORDER



Complete with wooden railing. The most attractive and priced far below the rest.

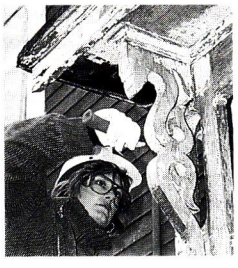
Both all-wood and steel models available
SEND FOR FULL-COLOR BROCHURE
OR CALL **800-536-4341**
www.spiral-staircases.com

Goddard Manufacturing
Box 502, Dept. OHJ
Logan, KS 67616

Circle no. 227

Associate Degree in Building Preservation

Develop your appreciation for traditional craftsmanship, and the built and natural environments while learning to apply preservation theory in real life situations. Get hands-on restoration training at our 1846 Federal style field lab house and in our preservation



workshops. Our award-winning curriculum is a rigorous examination of theory balanced by practical applications of specialized construction and craft techniques. To learn more, please contact the Building Preservation Program for further information.

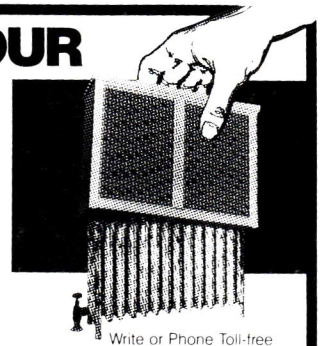
BELMONT TECHNICAL COLLEGE
Email: preserve@btc.edu
120 Fox-Shannon Place, St. Clairsville, OH 43950 740/695-9500 ext.4006

Circle no. 122



Circle no. 591

DON'T PAINT YOUR RADIATORS



Paint drastically reduces the efficiency of steam & hot water radiators and wood enclosures are poor heat conductors.

Affordable Ace Radiator Enclosures...

- Offer durability of steel with baked enamel finish in decorator colors
- Keep drapes, walls & ceilings clean
- Project heat out into the room

arsco Manufacturing Co., Inc.
3564 Blue Rock Road, Cincinnati, Ohio 45247

FREE Product Brochure
FREE On-site Estimates

Write or Phone Toll-free
1-800-543-7040

Circle no. 120

Dahlhaus
Vintage European Lighting

We offer nine complete lines of outdoor light fixtures plus a large selection of accessories like mailboxes, signs and garden ornaments.

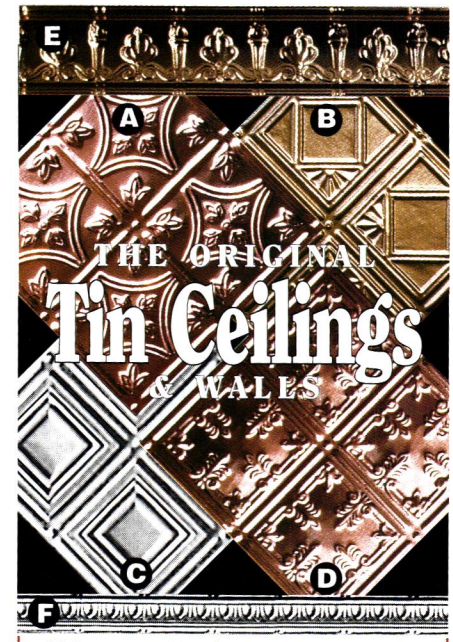
Each lighting line features Pole, Wall, Ceiling and Pedestal lights.



Visit our Website or call to request our NEW 36 page Catalog now!

114 Bedford Ave 2R Brooklyn NY 11211 Tel/Fax 718-599-5413 www.Dahlhaus-Lighting.com

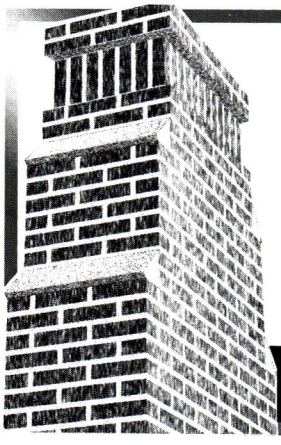
Circle no. 539



- 35 Designs in 2'x2' lay-in, 2'x4', 2'x8' nail-up
- Steel, White, Brass, Copper, Chrome
- Stainless steel for kitchen backsplashes
- 15 Cornice styles • Pre-cut miters
- Buy Direct • Call for Technical Assistance
- Send $1 for brochure

aa-abbingdon affiliates inc.
Dept. OHJ 052 • 2149 Utica Ave., Bklyn., N Y 11234
(718) 258-8333 • Fax: (718) 338-2739 • www.abbingdon.com

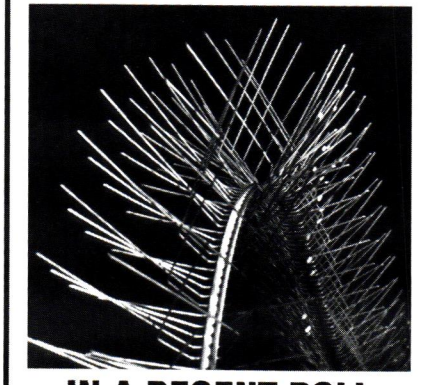
Circle no. 111



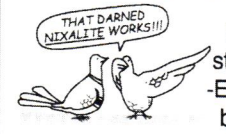
HOMESAVER® CHIMNEY LINERS

Rebuilding a damaged or inoperable masonry chimney is expensive. But you can make it functional again with a HomeSaver stainless steel chimney liner for a lot less money. It's UL listed and has a lifetime warranty for wood, coal, oil, or gas. Call for a **free** brochure and the name of an installer in your area.

866-466-3728 or 866-HOMESAVER
www.homesaver.com/oldhousejournal



IN A RECENT POLL 100% OF THOSE BIRDS INTERVIEWED FOUND OUR PRODUCT TOTALLY REPELLING



Nixalite stainless steel needle strips -Effective, humane bird control. For the whole story, contact us.

Nixalite® of America Inc
1025 16th Ave. East Moline, IL. 61244
E-mail:birdcontrol@nixalite.com

Ph:800-624-1189 **Fax:**309-755-0077
Web:www.nixalite.com

Circle no. 178

Architectural Sheet Metal Ornaments

Now available from the W.F. Norman Corporation, makers of Hi-Art® Steel Ceilings - a complete, 100 year-old line of architectural sheet metal ornamentation including:

- moldings
- brackets
- corbels
- rosettes
- balusters
- urns
- capitals
- festoons
- finials
- scrolls
- leaves
- friezes
- marquee enrichments
- glass pendant frames
- crestings
- garlands
- panel ornaments
- lion heads
- conductor heads and fittings

Over 1300 catalog items available in zinc or copper. Custom reproduction inquiries invited.

W.F. NORMAN CORP.

Complete catalog $2.50 • P.O. Box 323, Nevada, MO 64772 • 800-641-4038 • fax 417-667-2708

Circle no. 402

www.MaterialsUnlimited.com

One-Of-A-Kind Antiques

Restored Lighting

Stained & Beveled Glass

Period Furniture

Mantels Galore

in other words...

Amazing stuff.

2 West Michigan Ave. Ypsilanti, MI
(800)-299-9462 10-5 M-Sat

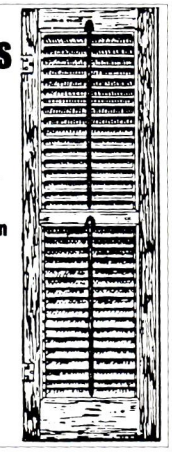


Circle no. 359

Custom Shutters
Interior and Exterior
Wholesale to the Public

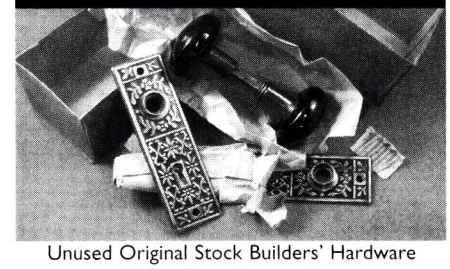
2 1/2" Moveable louver, raised panel and fixed louver shutters. Custom finished or unfinished. Complete selection of hardware.

Shutter Depot
437 LaGrange St.
Greenville, GA 30222
706.672.1214
706.672.1122 (fax)
www.shutterdepot.com



Circle no. 79

GET REAL



Unused Original Stock Builders' Hardware
& First Rate Restorations

WWW.WMJRIGBY.COM
73 Elm St. Cooperstown, NY 13326
607-547-1900



We're In America's Most Historic Chimneys.

Not All Chimney Liners Are Created Equal.

Home restoration experts know the difficulties involved in making old chimneys into safe and structurally sound chimneys, while maintaining their historic integrity.

That's why more and more people are calling on GOLDEN FLUE. We're the cast-in-place masonry liner experts with America's most fire retardant chimney lining mixture.

Poured and hardened right in the chimney, GOLDEN FLUE even increases the strength of the original structure.

Before you settle for a stainless steel liner, tile liner, or GOLDEN FLUE "look-a-like" call the experts who started it all for a free brochure and the name of an authorized GOLDEN FLUE dealer in your area.

GOLDEN FLUE
The Cure for the Flue

Call For A FREE Brochure Today. 800-446-5354

Circle no. 159

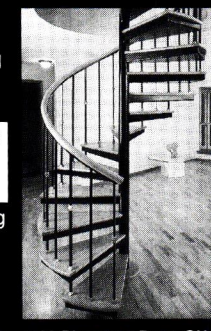
STAIRWAYS Inc.

ANY SIZE
STEEL • ALUMINUM
WOOD • BRASS
STAINLESS

Shipped in a Complete Unit or Kit
$425 & up

Stock for Fast Shipping
Free Brochure

713-680-3110
Toll Free
1-800-231-0793
Fax 1-713-680-2571
www.stairwaysinc.com



4166 Pinemont Dept. OHJ
Houston, TX 77018

Circle no.588

NOW ONLINE @ www.antiqueplumber.com

MAC the ANTIQUE PLUMBER inc.



200 Page Color Catalog - $6.00 (refundable on first order)

6325 Elvas Ave.
Dept. OHJ
Sacramento, CA 95819
ph. (916)454-4507 (CA)
fax (916)454-4150
1-800-916-BATH (2284)

THE BEST PRICES IN THE WORLD... & OTHER PLACES TOO!

Visit our Online Catalog featuring
- Plumbing - Bath Accessories
- Lighting - Hardware

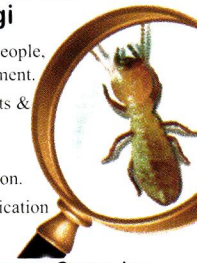


Circle no. 174

BORA-CARE

Protect Wood from Insects and Fungi

- Safe (low toxicity) for people, animals and the environment.
- Kills wood boring insects & decay fungi.
- Penetrates into logs & timbers for deep protection.
- Easy water soluble application
- Repels Termites



Preservation Resource Group, Inc.
www.PRGinc.com 800-774-7891

Circle no. 270



Decorative Metal Ceilings

Original turn-of-the-century patterns

Using 100 year old dies, the W. F. Norman Corporation is once again producing metal plates for the design of ceilings and wall coverings. Their growing popularity stems not only from nostalgia but from their beauty, permanence, fireproofing and economy.

The fullness of the Hi-Art™ line — including center plates, corner plates, border plates, cornice and filler plates — permits classic designs to be produced that are architecturally proportioned for an exact fit.

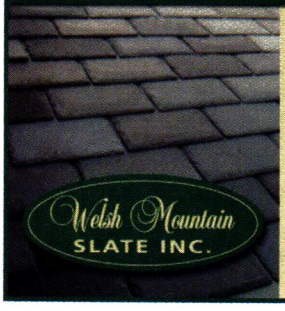
Write for reproduction copy of 72 page illustrated catalog. Price $3.

W. F. Norman Corporation

P.O. Box 323 • Nevada, Missouri 64772 • 1-800-641-4038
Fax: 417-667-2708

Circle no. 211

The beauty of slate in a lightweight, maintenance-free option for those who care about quality.



- 50 year warranty
- Recycled materials—natural colors and textures
- Weighs the same as asphalt shingles—easy installation
- Custom orders a specialty

Must be seen to be believed.

Order your free sample on-line at
www.welshmountainslate.com
or by calling 1-800-865-8784

Circle no. 459

HAND FORGED · MEDITERRANEAN · TRADITIONAL · ENGLISH · FRENCH

QUALITY · SERVICE



STEVEN HANDELMAN STUDIOS Inc.

Call for our new catalog
805.962.5119.
716 N. Milpas, SB, CA 93103
stevenhandelmanstudios.com

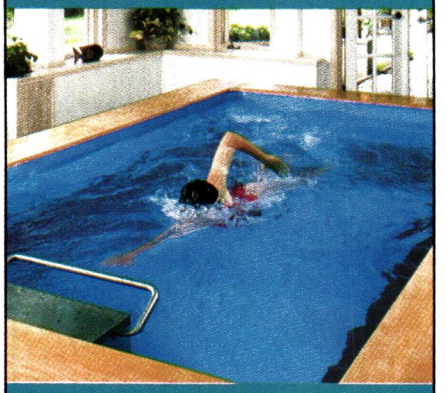


CRAFTSMAN · MISSION

UL CERTIFIED · GAS · HID · LANDSCAPE · ADA COMPLIANT

Circle no. 546

Swim at Home™



When exercise is a pleasure, fitness is easy...



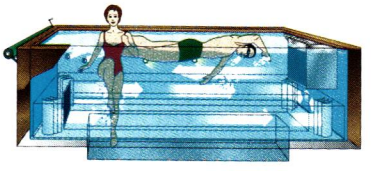
Now you can swim whenever you like, on your own schedule, at your own perfect pace. No traveling, no crowded pools, **no heavy chlorine.** Just your own 8' x 15', technologically advanced "counter current" pool, where you swim or exercise against a **smooth current** that's infinitely adjustable to any speed or ability.

Modular construction means **many sizes** and options are available.

The Endless Pool™ is simple to maintain, **economical to run,** and easy to install inside or outdoors. Call us or visit our web site for more information.

- **Fits where conventional pools won't: backyards, decks, garages, basements or sunrooms.**
- **The ideal solution to crowded pools, difficult schedules, "flipturns" and staying fit.**
- **Excellent for aquatic exercise, therapy and fun.**
- **Our architects and design staff can help you plan and finish your pool.**
- **Call today for a FREE Brochure and DVD or Video.**

THE WATER CURRENT MOVES...



...YOU SWIM OR EXERCISE IN PLACE

CALL TOLL FREE
1-800-233-0741, Ext. 2639
www.endlesspools.com/2639

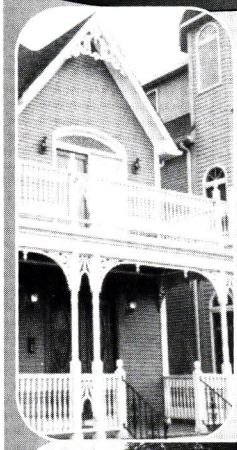
ENDLESS POOLS™
200 E Dutton Mill Rd., Dept. 2639, Aston, PA 19014

Circle no. 253

VICTORIAN TRADITIONS

CRAFTED IN SOLID HARDWOODS

Now...Order Online
www.cumberlandwoodcraft.com



Gables, plus brackets and posts, makes your home into a Victorian masterpiece

The Victorian Society in America

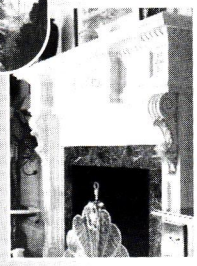
Exclusive Woodwork Licensee



Standard style screen/storm doors. You may also custom design your own doors from many ornate components.



Spandrel, grilles and fretwork help give your rooms the graceful look of yesterday.



Classic style Mantels in solid hardwoods. Also, wood appliques for existing Mantels.

Send $5.00 for full-color catalog with hundreds of products

FACTORY DIRECT PRICING

Since 1975

Cumberland Woodcraft Co. INC.

P.O. Drawer 609, Carlisle, PA 17013 • Dept. 203
E-mail sales@cumberlandwoodcraft.com

1-800•367-1884

Circle no. 141

GOOD TIME STOVE CO.

Museum & Showroom

Open by Appointment

A Family Business since 1973

Genuine Antique Stoves

Restored With Love...
for the Warmth of your Home
& the Heart of your Kitchen



Expert & Quality Restoration for Beauty & Safety

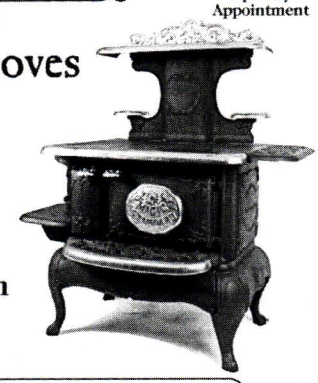
Conversions to Gas & Electric Available to all Models

www.goodtimestove.com

Ask for Sara, the Stove Princess

Toll Free 1-888 282-7506

World's Largest Inventory



Prop. Stove Black Richardson and his beautiful daughter, Sara, the Stove Princess

Circle no. 160

THE BEST IN . . .

Unusual Fancy,
Pull Chain Toilets,
Claw Foot Bathtubs,
Pedestal Lavatories,
Showers, Foot Tubs,
Sitz Baths, Kitchen Sinks,
Rare Parts,

- ALL OLD
- BOUGHT & SOLD
- CRATED & SHIPPED ANYWERE



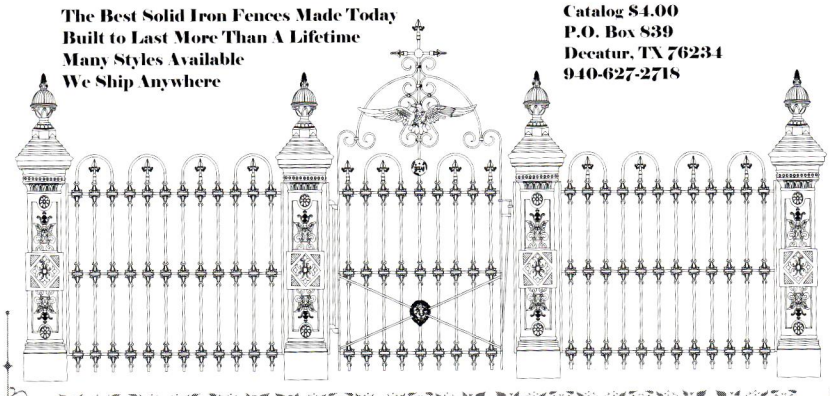
for information, call or write
9645 Sylvia Ave.,
Northridge, CA 91324-1756
(818) 772-1721
www.vintageplumbing.com

TEXAS IRON FENCE & GATE CO.

IRON FENCING GATES AND POSTS

The Best Solid Iron Fences Made Today
Built to Last More Than A Lifetime
Many Styles Available
We Ship Anywhere

Catalog $4.00
P.O. Box 839
Decatur, TX 76234
940-627-2718



WWW.TEXASIRONFENCE.COM

Circle no. 281



Install a basement bathroom without breaking the floor.

(or the bank)

- You decide where to put a toilet or bathroom, it is not dictated by the drainage situation.
- Easy instalation, do it yourself.
- Your floors stay intact. No breaking, no mess.
- Clean & reliable.
- You only need small diameter pipe, which can be run virtually anywhere.
- Ideal for use with septic or sewer systems.

SANIPLUS
ABOVE FLOOR TOILET SYSTEMS
1•800•36•FLUSH / 1•800•363•5874
www.saniflo.com

Circle no. 500

California Arts & Crafts Tiles ■ Art Deco Tiles
Custom Ceramic Tiles & Murals
Historic Reproductions ■ Traditional Patterns
Coordinated borders ■ Quadrats ■ Corner blocks

Victorian Transfer Tiles in the Anglo-Japanese Style ■ Persian Revival Tiles ■ Art Nouveau Tiles

Victorian Foliate Tiles ■ William DeMorgan Style Tiles ■ Period Pavements ■ Spring Garden Tiles



Designs In Tile
Box 358 ◆ Dept J ◆ Mt Shasta ◆ CA ◆ 96067
530/926-2629 Color Brochure $3.
www.designsintile.com
Country Tiles ■ Custom Murals ■ Folk Tiles

Circle no. 145

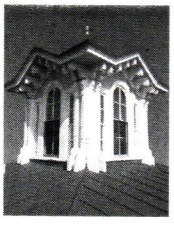


WIDE PINE
FLOORING &
HAND-HEWN BEAMS
BROAD-AXE BEAM Co.
1320 Lee Rd., Guilford, VT 05301
www.broad-axebeam.com
802·257·0064

Circle no. 320

TIN ROOF RESTORATION

The Space Age Solution for Weatherproofing Historic Roofs

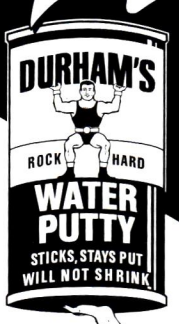


Acrymax® Coatings and Systems help you restore, beautify, and protect a variety of historic roof types, as well as masonry and stucco walls. A long-lasting, environmentally safer alternative to other systems. Acrymax systems are easy to apply and come in a variety of colors. Call today for a free brochure on the Acrylic system tough enough to stop leaks cold.

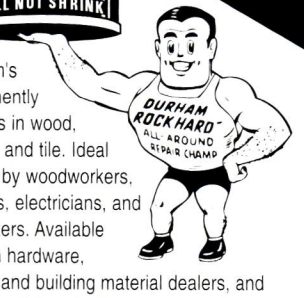
PRESERVATION PRODUCTS, INC.
Protecting America's heritage, one landmark at a time.
1-800-553-0523
221 Brooke Street • Media, PA 19063
610-565-5755 • Fax: 610-891-0834
www.preservationproducts.com

Circle no. 185

WOOD REPAIR
THE ORIGINAL



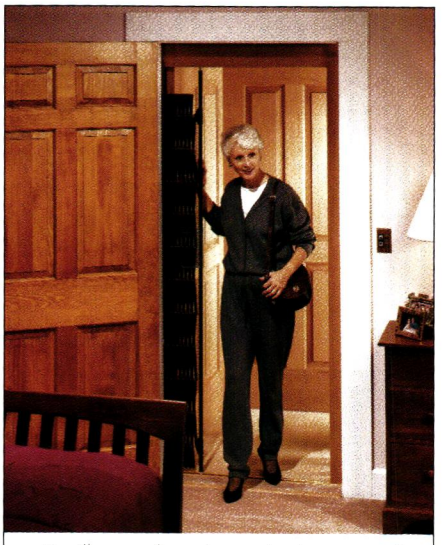
Use genuine Durham's Rock Hard Water Putty to fill cracks, crevices, joints, knots, and nail holes. You can saw, chisel, polish, color, and mold it too. Sticks and stays put – will not shrink. Only original Durham's offers lasting satisfaction.



Durham's permanently adheres in wood, plaster, and tile. Ideal for use by woodworkers, painters, electricians, and carpenters. Available through hardware, lumber and building material dealers, and paint distributors from coast to coast.

Donald Durham Co.
Box 804-HJ, Des Moines, IA 50304
http://www.waterputty.com

Circle no. 147



You'll see the elevator's design and character. You'll feel its superior technology and craftsmanship. You'll value its reliability and convenience. You'll be glad you chose an Elevette®.

CUSTOMIZATION + INNOVATION
INCLINATOR COMPANY OF AMERICA
www.inclinator.com
800-456-1329 Dept. 21
RESIDENTIAL ELEVATORS • WHEELCHAIR LIFTS • DUMBWAITERS

Circle no. 234

PLAQUES

FREEDOM'S FRIEND LODGE NO. 1024
1883
HISTORIC ST. MICHAELS - BAY HUNDRED, INC.

Custom Lettered Bronze Markers

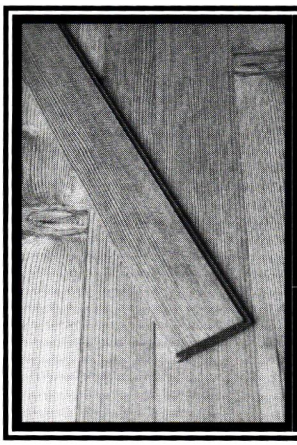
- National Register Plaques
- Custom Worded Plaques
- Sizes: Medallions to Roadside Markers
- Graphics and Logos Reproduced
- Metal Photo Images
- Time Capsules
- Discounts to Historical Societies

ERIE LANDMARK COMPANY
14110 Sullyfield Circle, Suite 100
Chantilly, VA 20151-1681

FREE BROCHURE
Call: 800-874-7848 / Fax: 703-758-2574
See our on-line catalog at
www.erielandmark.com
E-Mail: info@erielandmark.com

Rush service available
Satisfaction Guaranteed

Ask about short range radio broadcast of your historical message



SYLVAN BRANDT, LLC
RESAWN & ANTIQUE FLOORING

by which all others are compared

Please call or visit our website for a free brochure or samples

SYLVAN BRANDT

651 East Main Street • Lititz, PA 17543
717-626-4520 • www.sylvanbrandt.com

PRESERVING NATURE'S PAST SINCE 1960

Circle no. 113

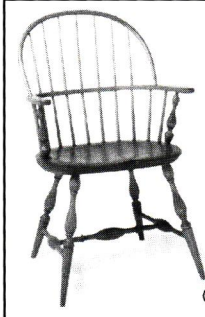
COPPER • BRASS
BRONZE & PEWTER
METAL COATINGS
(WATER BASE FOR ALL SURFACES)

PATINA
ANTIQUE FINISHES
VERDIGRIS, GREEN, BLUE
BLACK, BROWN, BURGUNDY

Sample Packs Available
FREE BROCHURE
1-800-882-7004

Circle no. 272

Early American Furniture Kits



Our new fall catalog is filled with authentic reproductions of Early American furniture, lighting, prints and more. Make your own antiques from our kits, or let us do the finishing for you.

Free Catalog
1-800-288-2389

Chasset Colonials

Box 548-HJ32 Ashburnham, MA 01430

Circle no. 462

OUR STORY IS YOUR STORY...

"Waterlox is the only finish we've found that becomes part of the floor and looks better with time."

– Don Carlisle, President, Carlisle Restoration Lumber



Our story began in 1916 when the Hawkins family developed Waterlox products using the best ingredients and original family formulas. Today, the tradition of quality continues with people everywhere preferring the advantages of Waterlox for all wood surfaces including floors, woodwork, cabinetry, doors, windows, etc.

- *Unique blend of tung oil and resin*
- *Durable, beautiful hand-rubbed look*
- *Simple to apply*
- *Minimal effort, maximum protection*

Ask us about our Original Sealer/Finish, Satin Finish and High Gloss Finish. Contact us today by e-mail: *info@waterlox.com,* or call *1-800-321-0377.*

Worldwide Finishing Solutions

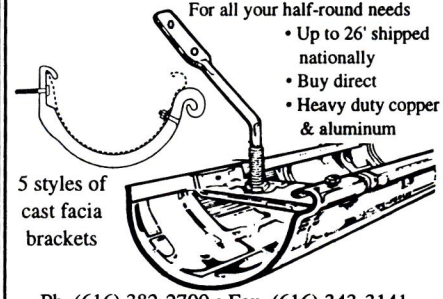
WATERLOX

www.waterlox.com

Circle no. 335

CLASSIC GUTTER SYSTEMS

For all your half-round needs
- Up to 26' shipped nationally
- Buy direct
- Heavy duty copper & aluminum



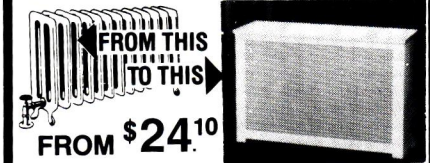
5 styles of cast facia brackets

Ph. (616) 382-2700 • Fax. (616) 343-3141
P.O. Box 2319 • Kalamazoo, MI 49003
www.classicgutters.com

Circle no. 135

ALL STEEL **RADIATOR ENCLOSURES**

FOR HOMES, OFFICES, CHURCHES, INSTITUTIONS



FROM $24.10

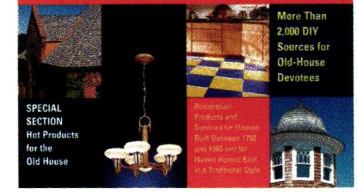
BUY FACTORY DIRECT & SAVE • EASY TO ASSEMBLE
MANY STYLES & COLORS • BAKED ENAMEL FINISH
Send $1.00 for Brochures. Refundable with Order.

MONARCH Dept OHJ
P.O. Box 326, 111 Kero Rd.
Carlstadt, N.J. 07072 (201) 507-5551

Circle no. 255

An OLD HOUSE *is being restored. A* New House *is being built in a traditional style. You need the* 2003 OLD-HOUSE JOURNAL'S RESTORATION DIRECTORY

Old·House Journal's
RESTORATION DIRECTORY
2003 EDITION
Period Materials from the Comprehensive National Catalog of Suppliers



2003 Edition
Call to order 202.339.0744
$14.95 (plus $5.00 for shipping and handling)

Where To Find Hard-To-Find Stuff

RESTORE MEDIA, LLC
Old·House JOURNAL

OLD-HOUSE JOURNAL'S
Traditional Products

Traditional
PRODUCTS

A New Magazine From the Editors of OLD-HOUSE JOURNAL

A One-of-a-Kind Guide to Period Products and Materials

- Buying Guides
- DIY Tips
- Installation Advice
- Complete Information on Product Sources
- Hundreds of Full-Color Product Photos
- New Alternatives to Traditional Materials
- Internet Info

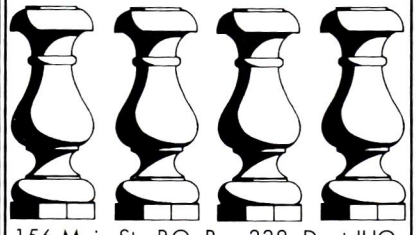
On Sale in Major Book Stores: December 2003

RESTORE MEDIA, LLC

CUSTOM
WOOD TURNINGS LLC

- **Hand rail & fittings**
- **Balusters**
- **Newel posts**
- **Porch posts**
- **Columns**
- **Fluting**
- **Spiral rope twist**
- **Finials**
- **Furniture parts**

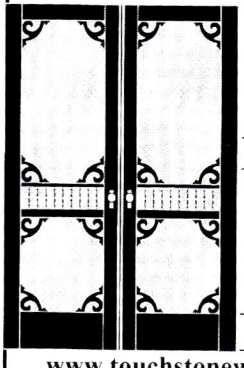
www.customwoodturnings.com
Ship nationwide
Send $5.50 for catalog



156 Main St., P.O. Box 338, Dept JHO
Ivoryton, CT 06442
(860) 767-3236 Fax (860) 767-3238

Circle no. 142

Screen & Storm Doors



- Mahogany
- Custom sizes
- Tempered glass
- 55 styles

Send $3 for our catalog

Touchstone Woodworks
PO Box 112
Dept OHJ
Ravenna OH 44266
(330) 297-1313

www.touchstonewoodworks.com

Circle no. 587

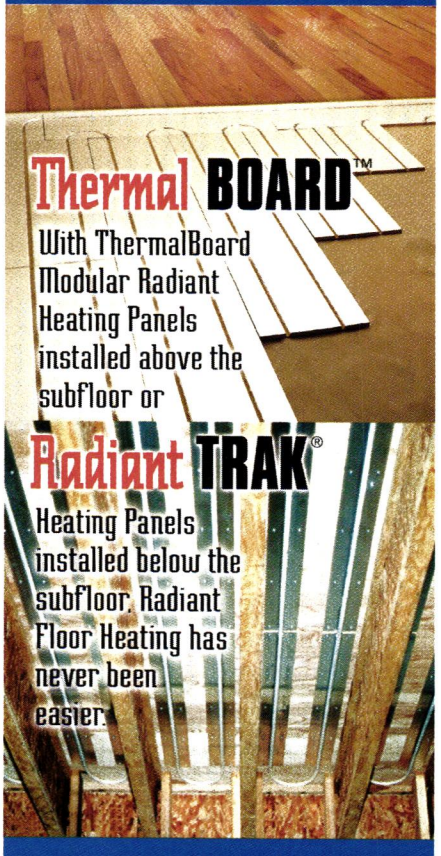


Under Glass Mfg.
P.O. Box 81
High Falls, NY 12240
845-687-4700
845-687-4957 (Fax)
www.underglassusa.com

Circle no. 489

Radiant Heating Comfort...

Any Project. Any Time.



Thermal BOARD™
With ThermalBoard Modular Radiant Heating Panels installed above the subfloor or

Radiant TRAK®
Heating Panels installed below the subfloor. Radiant Floor Heating has never been easier.

- 25YR Warranty
- Cost Effective
- Efficient
- Ideal Comfort
- Nationwide Distributors & Installers

RTI
PEX PIPING SYSTEMS
1.800.784.0234
www.rtisystems.com

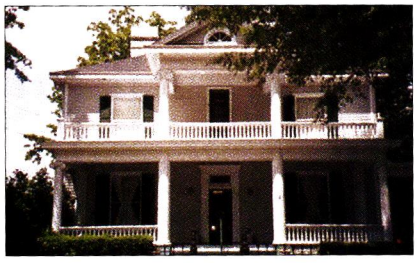
Circle no. 100

Swaps & Sales—Historic Properties

SPOTLIGHT HOUSE



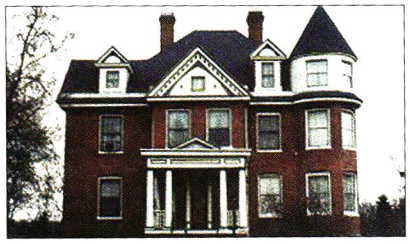
SMYRNA, DE — CLEMENTS MANSION The home of a mid-19th century small town merchant, the Clements Mansion has been through a thorough restoration (new HVAC, electric, plumbing, sprinklers) and is now being used as a B&B and for small get-togethers. Situated in the center of town within walking distance of shops and restaurants, this Italianate gem boasts 12′ ceilings and elaborate plaster cornices, as well as 8 bedrooms and 7 1/2 baths on 3 floors, with parking lot in the rear. $499,900. Call Carolyn Roland at **Patterson-Schwartz & Assoc., Inc.** (800) 771-2332 & see more photos at http://croland.psre.com.



PARIS, TN — Govenor Rye Home — Built in the late 1800s, this historic 3 bedroom, 1 1/2 bath was once the home of Governor Rye. Boasts 3,000 sq. ft., wide porch with fluted columns, hardwood floors, crown moldings, 2 parlors, 3 fireplaces, den, study, basement & much more. Portico, carriage house. Nice large lot with shade trees. $175,000
United Country Real Estate—(800) 999-1020, Ext 108. www.unitedcountry.com/old. Call for American Treasures—a FULL COLOR magazine of older and historic properties for sale—coast to coast. Just $3.95.



SHINER, TX — Wonderful small town, good schools, 1914 Victorian ginger bread trim, 2 storey, dormer windows, 4 bedrooms, 1 bath, formal Living Room, Dinning Room, Foyer. 1/2 acre, well landscaped, 4 pecan trees. New roof & paint outside. Walking distance to church , town, schools. Within 2 hours of Houston, Austin, and San Antonio. $112,000.
(361) 579-0623 or (361) 293-8871



HILLSVILLE VA — Vintage Victorian with walls of brick 3 layers thick, this circa 1902, 27 room home still stands proud. Boasts 7 bedrooms, 5 baths, formal rooms, modern kitchen, 3 fireplaces, wet bar, ornate staircase, stained glass, hardwood floors, turret & more. 1 bedroom, 1 bath guesthouse. On 1+ acre for $294,900.
United Country Real Estate—(800) 999-1020, Ext 108. www.unitedcountry.com/old. Call for American Treasures —a FULL COLOR magazine of older and historic Properties for sale —coast to coast. Just $3.95.



UNADILLA FORKS, NY — Late Federal classic built early in the 19th century. A very personable house overlooking the mill pond in a tiny hamlet not far from Cooperstown. 10 rooms, 5 bedrooms, 2 baths, all set amid magnificent perennial gardens on 1 3/4 acres. There is a fireplace in the dinning room, and a newer kitchen. The converted village barn houses a potter's studio, a workshop, as well as a balcony porch. Much original documentation. Offered at $ 210,000 by Leatherstocking Realty, "The Old House People" Rod Johnson, Broker, (607) 547-9595 www.Leatherstocking.net



CANAJOHARIE, NY — Holland Dutch farm house and 186 acres near Canajoharie, N.Y. Late 18th century farmhouse of 15 rooms, 5 bedrooms, and 2 baths. Exposed beamed ceilings, fireplace in formal parlor, open staircase and a huge 15x20 eat-in kitchen. Good old floors and other original features. 2 small barns, land on both sides of the road. Excellent schools. Offered at $ 385,000 by Leatherstocking Realty The old House People Rod Johnson, Broker
(607) 547-9595 www.leatherstocking.net

Brokers of Historic Properties

DISTRICT OF COLUMBIA

Weichert Realtors
Sue August, Director

"We have a unique marketing program and trained specialists in DC to assist in the sale or purchase of Antique Homes ."

Telephone: 800-736-3638 or 201-445-9500

CONNECTICUT

Weichert Realtors
Sue August, Director

"We have a unique marketing program and trained specialists in CT to assist in the sale or purchase of Antique Homes ."

Telephone: 800-736-3638 or 201-445-9500

DELAWARE

Weichert Realtors
Sue August, Director

"We have a unique marketing program and trained specialists in DE to assist in the sale or purchase of Antique Homes ."

Telephone: 800-736-3638 or 201-445-9500

Patterson-Schwartz & Associates, Inc.
Carolyn Roland, Historic Homes Division

"A trained Architectural Historian serving buyers and sellers since 1987 in DE

Telephone: 800-771-2332
http://croland.psre.com

INDIANA

Coldwell Banker - LHelman Realtors
Veda Bussing,CRS

"I love, live in and sell Historical Properties!"

877-869- 6321 or 812-208-2595
vbussing@aol.com www.vedabussing.com

Brokers of Historic Properties

River Bend Realty
Deanne Naas, Broker/Owner

"Real Estate that is personalized not franchised."

Telephone: 812-425-5000
Website: www.ahouse4you.com

MARYLAND

Benson & Mangold Real Estate
Barbara Watkins

"Professional yet Personal Service."

Telephone: 877-243-7378
Website: www.easternshorehomes.com

Coldwell Banker Residential Brokerage
JoAnn Moncure, AIA and Hank Jordan

"We specialize in selling the beautiful old homes of Baltimore!"

410-667-5989 or 1-800-222-6177 x5989
http://hjordanandjmoncure.realtor.com

Maryland Heritage Properties
Nancy McDonald McGuire, Broker

"Devoted to representing historic buildings so that those who value them can easily understand and acquire them."

Telephone: 410-778-9319
Email: nmcguire@dmv.com

Weichert Realtors
Sue August, Director

"We have a unique marketing program and trained specialists in MD to assist in the sale or purchase of Antique Homes."

Telephone: 800-736-3638 or
201-445-9500

MASSACHUSETTS

Act 1 Carol O'Loughlin Real Estate
John Weyand

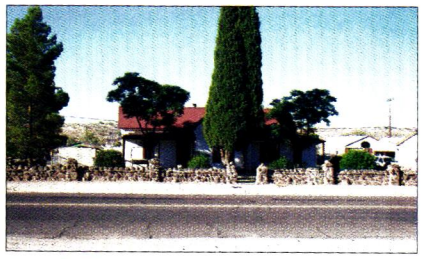
"Representing historic properties on Cape Cod."

Telephone: 508-245-1908
Email: jweyand@adelphia.net

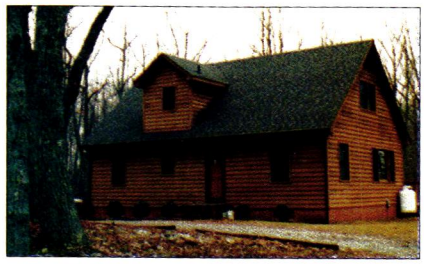
SPOTLIGHT HOUSE



MANASSAS, VA — Moor Green, circa 1790, on both the Virginia and National registers, this historic federal manor home is on 10+acres. Less than 45 minutes from D.C. in quiet rural setting. Over 4,000 sq. ft, 4 bedrooms, 3 baths, large formal rooms, 10′ + ceilings, heart-pine floors, original moldings and mantels, all new systems, park like grounds with hot tub and 3 car garage. $799,000 Deborah James Dendtler, **Virginia Properties** (800) 394-5059, www.VirginiaAntiqueRealEstate.com



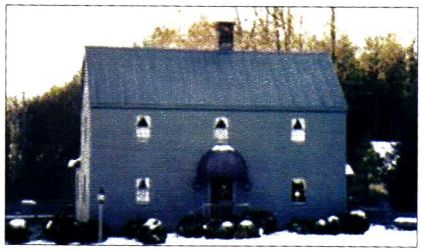
KINGMAN, AZ — Historic Registry Home, Queen Anne Cottage, built in 1896. 3 bedrooms, 2 baths, 4 lots. The home has high ceilings, 2 rooms with original wood floors and W/D hookups. 2 full porches on front, root cellar and workshop, original stone fence in front, chain link in back. Restoration well under way, you can move right in! In Kingman AZ, this house is by Historic Route 66 and the Santa Fe Railroad. $84,500. For more information call: (928) 753-7432.



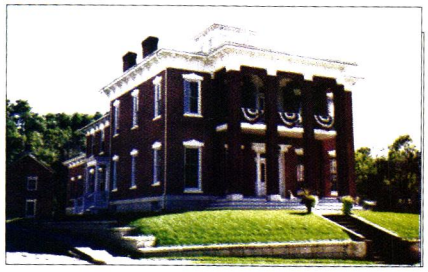
KEYSVILLE, VA — Cape cod at edge of woods in middle of 10.7 acres. Half open/half wooded, private pond, 1 1/2 storey, 4 bedrooms, 2 baths, 1,400 sq. ft. finished—plus 800 sq. ft. semi-finished basement. Central heat/air, shrubs and large old trees. $165,000. Floor plans & photos for Home #3340 at: www.davenport-realty.com. For color brochure, leave message at (888) 333-3972 (24-hours). United Country Davenport Realty, Keysville, Virginia.



HAMILTON, NY — Built in the 1840's, using Asher Benjamin's builders guide, this 14 room Greek Revival farmhouse sited on a prominent rise above a little traveled country road is on 140 acres. Only 8 miles from Colgate University and also near Hamilton Collage in Clinton. Chestnut floors and woodwork, fireplace, open staircase, 5 bedrooms, 3 baths and 2 pantries! Three story carriage barn, a stocked pond and a family cemetery. Offered at $ 330,000 by Leatherstocking Realty "The Old House People" Rod Johnson, Broker, (607) 547-9595 www.leatherstocking.net



KEYSVILLE, VA — "Salt-box" built in 1980 based on Noah Webster's home built in 1748. Curved staircase, beamed ceilings, wainscoting, 2 gas log fireplaces, 2,600 sq. ft., 3 bedrooms, 2 baths, dual-zone air conditioning, screened porch, emergency electricity, 12 acres, old shrubs, trees. $170,000. Floor plans & photos for Home #3260 at: www.davenport-realty.com For color brochure, (888) 333-3972 (24-hours). United Country Davenport Realty, Keysville, Virginia.



GALENA, IL — Historical architecturally significant 1852 Greek Revival mansion on 0.75 acre site. Meticulously and accurately restored by Master Craftsman/Owner. 5 porches and cupola overlooking Grant Park, Galena River and City. 5 spacious bedrooms, 4 1/2 baths, 4 fireplaces, 4,712 sq. ft. plus rear brick Guest House all offering unique features too numerous to mention. $750,000 – Eagle Ridge Realty, (800) 635-0371 www.eagleridgerealty.com

SPOTLIGHT HOUSE



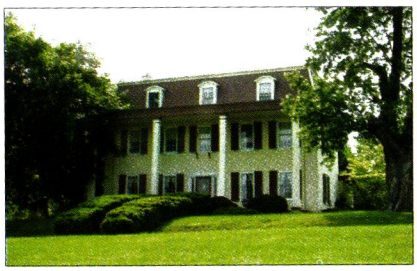
PEPPERELL MA — Luke Warner House, 1801. 3,400 sq. ft. completely restored by owner/builder. Main house and wing has 12 rooms, including in-law apartment. 3 working fireplaces, wide pine floors, and period details. Large heated detached barn has elegant business offices, art studio, gallery space, woodworking shop and storage. Just under 2 acres of grounds include fenced-in yard, vegetable garden, flowerbeds, stone walls and a variety of mature trees. 45 minutes to Boston and 10 minutes to Nashua, NH. $499,900. Call Barbara Keating, **ReMax Walden Country** (978) 429-4003. For more information and/or additional photos.



MALVERN, PA — Circa 1840. Sprawling 4 bedrooms, 2 full & 2 half bath farm house with recent great/gathering room addition on 3 1/2 acres of Charleston countryside. 3,000+ sq. ft. of living space. In-ground heated pool, tennis court, & chipping green, 4 outbuildings include a turnout shed for horses. Detached guest house with 2 bedrooms & 1 bath. Wood stove. Complete chain of ownership avail. Great for entertaining & an active life style. A blend of past & present. Enjoy! $679,000. Weichert Rltors Hist. Hms. (800) 736-3638.



WINCHESTER, VA — "The Hodgson House" circa 1771. An historic log and brick home with a touch of the contemporary. Exposed log walls and pine flooring add to the charm. The aura of "what has gone before" is felt throughout the dwelling. Sited on 6 beautifully landscaped acres with stone fencing. $649,700. Historic Properties, Inc. (888) 830-2678. www.historicpropertiesva.com for more info and photos.



SCHWENKSVILLE, PA — Gracious 3 storey colonial of stucco & stone.. Circa 1809. On 26 acres w/ pond, fenced paddocks, 3 car gar., 2 barns & tree lined drive. Well maintained. Completely updated baths, kitch, elect & cent air. Large rooms, 3 fireplaces. Orig. hardwood floors, exposed beams, woodwork & doors. 6 bedrooms, 3 1/2 baths. 5,160 sq. ft. of living space. Wonderful for horses &, or kennels. Minutes from Rte 422. A most versatile lifestyle. Let it be yours. $730,000. Weichert Realtors, Hist. Homes Div. (800) 736-3638.



WINCHESTER, VA —"Tanglewood", circa 1910, is a lovingly restored Italianate colonial on 3 park-like acres overlooking historic Front Royal, Virginia. The Manor House and Guest Quarters boast 6 magnificent bedrooms with luxurious private baths. 6,900 sq. ft. offering heart-of-pine and solid oak floors, 5 fireplaces, gourmet kitchen with absolute-black granite, handmade solid cherry cabinets, Garland range, butler's pantry are only a few of the many appointments. Fabulous B&B or grand Estate. Oferred at $1,600,000. www.historicpropertiesva.com or (888) 830-2678 for plats, floor plans, additional photos.



CHESTER SPRINGS, PA — Conestoga Road toll-taker's house, this circa 1742 farmhouse is the epitome of charm and serenity. Fine period details burst from every room; Chestnut floors, 9' beamed ceilings, 4 fireplaces, and built in cabinetry. Meticulously maintained 3 acres host streams, barn, springhouse. $597,000. For information on this original gem call Julie Robbins, Weichert Realtors, Historic Homes Div. (610) 719-8516

Brokers of Historic Properties

The Maury People, Inc
A Sotheby's Affiliate
Kathryn Hatcher, Broker

" We represent many historic homes on Nantucket Island"

Telephone: (508) 228-1881 Ext 131 or
(508) 221-0454
Kathryn@maurypeople.com

MISSOURI

Reece & Nichols-Ide Capital Realty
Glenda Ide

"The mystery and romance of the Old West...in Saint Joseph, MO. Call for a list of our historic properties."

Telephone: 816-233-5200
Email: gide@ponyexpress.net

NEW JERSEY

Weichert Realtors
Sue August, Director

"We have a unique marketing program and trained specialists in NJ to assist in the sale or purchase of Antique Homes ."

Telephone: 800-736-3638 or
201-445-9500

NEW MEXICO

CENTURY 21 Thompson Realty
Carol J. Thompson, Broker/Owner

An Old West town "Built to Last"

Contact us at 800-358-0021
cjt@silver-nm.com
www.silver-nm.com

NEW YORK

Leatherstocking Realty
Rod Johnson

"Specialising in old properties in the Cooperstown countryside. (our coffee pot is never cold!)"

Telephone: 607-547-9595
Website: www.leatherstocking.net

Brokers of Historic Properties

Weichert Realtors
Sue August, Director

"We have a unique marketing program and trained specialists in NY to assist in the sale or purchase of Antique Homes."

Telephone: 800-736-3638 or
201-445-9500

NORTH CAROLINA

Preservation North Carolina
Barbara Wishy

"Nonprofit statewide historic preservation organization acquiring endangered historic properties and selling them for rehabilitation."

Telephone: 919-832-3652
Website: www.PreservationNC.org

PENNSYLVANIA

Patterson-Schwartz & Associates, Inc.
Carolyn Roland, Historic Homes Division

"A trained Architectural Historian serving buyers and sellers since 1987 in S. Chester County, PA."

Telephone: 800-771-2332
http://croland.psre.com

Weichert Realtors
Sue August, Director

"We have a unique marketing program and trained specialists in PA to assist in the sale or purchase of Antique Homes."

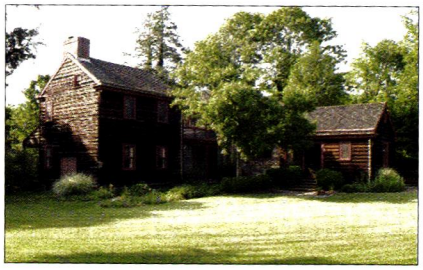
Telephone: 800-736-3638 or
201-445-9500

TENNESSEE

Banyan Tree Realtors
Mary Jean Smith, Broker/Owner

"Mary Jean's fascination of history, heritage and architecture led her focus to historical and estate properties."

Telephone: 901-853-8666
Email: maryjean@banyantreerealtors.com



CHESTER SPRINGS, PA — "Alderbrook" 11 1/2 acres of stunning countryside. This circa 1737 4 bedrooms, 3 1/2 bath colonial farmhouse has the best of historic and new; Chestnut floors, 9' beamed ceilings, 3 fireplaces, built in cabinetry, gourmet kitchen, sun room, and "John Milner" additions. Property showcases streams, pool, fruit trees, and perennial gardens. A true private paradise! Call Julie Robbins, Weichert Realtors, Historic Homes Div. (610) 719-8516

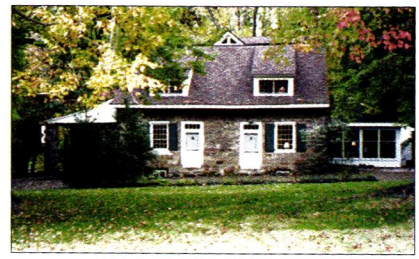
SPOTLIGHT HOUSE



CARMEL, NY — Weekend country getaway, 223 Years of History and Charm. 1 hour from NYC by car or train. 5 bedrooms, 5 1/2 bathrooms. Boat, swim, hike, fish, golf nearby. Complete renovation by historic architect. Pristine, energy efficient, move-in ready. Large rooms. Chef Kitchen. Wide Pine Floors. Resplendent water views from all rooms. Grand old maple trees on 2 acres. $750,000. Call **Ann Olson** (845) 225-3945
Website: www.country-house.info



BURKEVILLE, VA—"Robinwood" Circa 1880 Victorian, on 6+ acres. Grand foyer, double parlors, formal dining room, all with fireplaces & original grand mantels. First floor bedroom, private bath plus large gourmet kitchen & 1/2 bath. 2nd floor has grand hall, master bedroom with fireplace, 3 additional bedrooms and large central bath. The 3rd floor has two large rooms expandable for Bed & Breakfast etc. Several outbuildings. 1 1/2 acre lot across the street included. $299,000. Max Sempowski, Antique Properties, Inc. (434) 736-9942 or oldhouseprop@linkabit.com
www.oldhouseproperties.com



CLOSTER, NJ — Isaac Naugel House. Circa 1775. Gracious sandstone Dutch colonial. 4 bay gambrel roof. The ultimate in privacy. 1.95 acre with secluded woods & lawn. Dramatic living room with opulent wood beamed ceiling, split Dutch door, original hardware, 18" thick walls & 2 fireplaces. Dining room has sandstone wall. Windowed family room with slate floor, 3 bedrooms 2 w/ fireplaces, 2 1/2 baths Possible attic expansion, 2 car gar. Full basement 15 miles to NYC. This lovely vintage home awaits your personal touch. $1,075,000. Weichert Rltrs Hist. Hmes Div. (800) 736-3638



PETERSBURG, VA — Circa 1768 with circa 1822 & circa 1890 modifications. This outstanding home on High Street is one of the best surviving! Winter kitchen w/enormus cooking fireplace and bread oven! 3,781 sq. ft. of charm! Conjoined dependency houses a romantic library and Mary Englebreit style guest room. Floor to ceiling windows, heart pine floors, elaborate woodwork & mantels and so much more! $259,000 Contact Carla Takacs with Swearingen Realty @ (804)712-4060 or (804) 524-4925.



WOODBRIDGE, CT — Built circa 1840, exquisitely maintained Greek Revival Colonial Farmhouse, listed in National Register of Historic Places. 5 bedrooms, 2 1/2 baths. Spacious Great Room, wood stove, additional fireplace, den, library, office, living room, dining room, & 1st floor laundry. Original wide plank floors throughout. 1880s stonewalls gardens! One year home warranty plan! $579,000 William Orange Realty (800) 799-2567

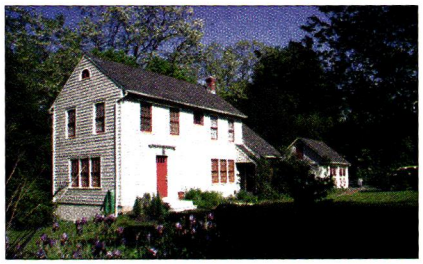
SPOTLIGHT HOUSE



TERRE HAUTE IN — Sycamore Farm Bed, Breakfast & Tea Room. Lavishly restored 1860 landmark with original 38′ x 92′ barn on 3 1/2 Acres. Now operating as a successful turnkey business with seating for 48, beer/wine license included. Could easily be converted to single family. Modern amenities tastefully implemented without sacrificing the original character of this magnificent 2,856 sq. ft., 5 bedrooms, 4 1/2 bath home including balcony porches, 2 stairways, hardwood floors & gazebo. Totally restored, new windows, plumbing, electrical, furnace, air & sun porch. $395,000 VBussing@aol.com **CB LH Realtors,** (812) 208-2595, www.vedabussing.com and/or www.historicproperties.com.



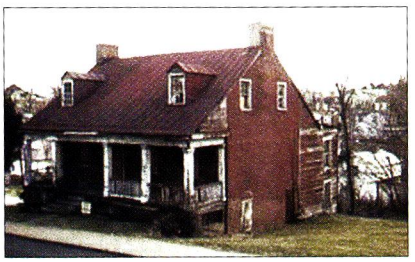
KILLINGWORTH, CT — Go back in time in this Antique Lover's dream house! Historic 1752 Josiah Parmelee Colonial on 2 acres 2,200 sq. ft. boasting 4 bedrooms, 5 fireplaces, raised paneling, crown molding, wide-plank floors throughout. New bathroom & kitchen with soapstone farm sink, cedar roof. Fabulous 3rd floor walkup attic & more! $425,000 William Orange Realty (800) 799-2567



EASTERN SHORE, KENT COUNTY, MD — Charming vintage house with character near one's boating needs. Amenities create special sitting and dining areas. Secluded master suite includes access to private garden/terrace and private living room. Many built-in bookcases, paneled ceilings and wainscoting add to charm. Mature trees, unusual wildlife glade with birds galore. Two car-garage. $294,000. Maryland Heritage Properties, (410) 778-9319 nmcguire@dmv.com



CHESTERTOWN, MD — Historic 105 South Mill Street. One of only three remaining 18th century frame dwellings in Chestertown on Maryland's Eastern Shore. A residence of modest size, on a large town lot which has great potential to become a charming landmark. Chestertown, home of Washington College, declared by national publication first of top ten communities in which to live. "As is" drawings and brochure available. $264,000. Maryland Heritage Properties, (410) 778 9319, nmcguire@dmv.com



LYNCHBURG, VA — circa 1818 home in College Hill neighborhood. Needs complete restoration. Available for $1 through Lynchburg Redevelopment and Housing Authority's Urban Homesteading program. Purchaser must live in property for 5 years after completion of repairs. Contact Barbara Gardner: (434) 845-9011. More photos and information at www.historicproperties.com.

Brokers of Historic Properties

VIRGINIA

Antique Properties, Inc.
Represented by
Max Sempowski, Realtor

I'm certified in historic preservation and only sell old house properties. Visit my website for current listings.

Telephone: 434-736-9942
Website: www.oldhouseproperties.com

Century 21 AdVenture
Suzy Stone & Melanie Quann

"Quality Service and Loyal Commitment"

Telephone: 800.234.0210 or 540-847-0630

Davenport Realty, United Country
John Davenport, Broker/Owner

"I show and sell old homes with love and enthusiasm. Please see floor plans and photos of current offerings at our website."

Telephone: 888-333-3972
Website: www.davenport-realty.com

Long & Foster
Tim Hill

"When Experience Counts!"

Telephonte: 877-346-4411

Virginia Properties
Deborah James Dendtler

"Debbie would love to help you find your dream antique home in Virginia."

Telephone: 800-394-5059
Website:
www.VirginiaAntiqueRealEstate.com



GOLDSBORO, NC — Grand Victorian with octagonal parlor available for restoration. The Norwood House is located in the historic district and CBD of historic Goldsboro. Restoration as residence or business will be a candidate for historic rehabilitation tax credits. $25,000. Contact Preservation North Carolina at (919) 832-3652. Visit www.HistoricProperties.com for more information and pictures.

HISTORIC PROPERTIES
Your Source for Buying and Selling Historic Properties

www.HistoricProperties.com — The best selection of historic Properties available for sale throughout the US. All styles from colonial to early 1950s, from renovation projects to completed homes. On the web at www.Historic Properties.com

Brokers of Historic Properties

Weichert Realtors
Sue August, Director

"We have a unique marketing program and trained specialists in VA to assist in the sale or purchase of Antique Homes."

Telephone: 800-736-3638 or 201-445-9500

WISCONSIN

Eliason Realty of The North
John Misina, Broker

"For all your Wisconsin North Real Estate needs."

Telephone: 800-472-5222
Email: johnm@newnorth.net

Architectural Services

ARCHITECTURAL SERVICES
Thoughtful and knowledgeable architectural preservation services that meet owners' needs and respect their buildings. Consultations and full services: building assessments, research, technical assistance, design, architectural services for restoration, conservation and addition. The Office of Allen Charles Hill, AIA, Historic Preservation & Architecture, 2 Lisa Drive, Woburn, MA 01801. (781) 376-9236. http://home.att.net/~allen.hill.historic.preservation/

Education

TRADITIONAL BUILDING SKILLS INSTITUTE Successful hands-on workshops in old world skills such as wood carving, stained glass, faux painting, blacksmithing and wood furniture. Restoration workshops in adobe, log cabin, historic masonry, stone, wood windows, plaster and millwork. TBSI (435) 283-7324 www.snow.edu/tbsi

Flooring

WIDE PLANK FLOORING
Random widths, long lengths. New and reclaimed woods, select and rustic grades. The appropriate choice for the restoration of any period. www.countryplank.com

ANTIQUE FLOORING
Antique barnwood flooring, planks, and beams in pine, oak, and other species. Free brochure. Carlson's Barnwood Company, www.carlsons-barnwood.com. Call 800-734-5824.

Home Improvement

INTERIOR STORM WINDOW KITS
Plexiglas, Magnetic, Invisible. Easy quick remove/replace. Economical. Guaranteed. STOP heat and AC loss, drafts, condensation, "radiant cold", street-noise. (800) 321-WARM. www.windowsaver.com

Historic Bed & Breakfast

NEWPORT HOUSE B&B
WILLIAMSBURG'S most historically authentic bed-and-breakfast, designed 1756, rebuilt 1987, furnished to 1770; host is former museum director. Newport House, 710 South Henry Street, Williamsburg, VA 23185, (877) 565-1775, www.newporthousebb.com

Millwork

CUSTOM MILLWORK
We specialize in custom millwork, replication of mouldings and flooring up to 10" width. No order too big or too small. www.jencowoodworks.com (860) 243-1058

Paint

EVERYONE DREAMS IN COLOR
For over 20 years, our exterior color schemes have made dreams come true. The Color People, 2231 Larimer Street, Denver, CO 80205. (800) 541-7172 www.colorpeople.com

Paint & Varnish Removing

GOODBYE OLD PAINT & VARNISH
New environmentally friendly method utilizing infrared heat. No chemicals, sanding, shaving or grinding required. (585) 271-7169 www.silentpaintremover.com

Stairs

SPIRAL STAIRS
Economical patented all wood kits. Decorative open riser straight stair kits. Matching balcony rails. Precision Pine, Inc. (877) 885-8902 www.spiralstaircase.com

Structural Repairs

HISTORIC HOME RESTORATION SERVICES Repair, replacement and reproduction of: Historic doors, windows & hardware; porches, cornices & architectural details; wood roofing & siding. Will travel. RJ Aley Building Contractor LLC. (203) 226-9933 www.rjaley.com

STRUCTURAL REPAIRS
Structural repairs of barns, houses, garages. Call Woodford Bros., Inc. for straightening, jacking, cabling, foundation, and weather related repairs. Free estimates. (800) 653-2276 www.1-800-OLD-BARN.com

STRUCTURAL RESTORATION SPECIALIST 33 years experience in jacking, squaring, sill & timber replacement for Early American homes, barns, and log cabins. Consulting services by appointment. We will travel anywhere. George Yonnone Restorations. (413) 232-7060.

Septic Tank Maintenance

"DON'T NEGLECT YOUR SEPTIC TANK. Replacing a leach field can cost over $20,000. Avoid costly problems. Guaranteed solution. Receive free trial of Septicare at www.septicare.com or (800) 621-6065."

Tin-Ceilings

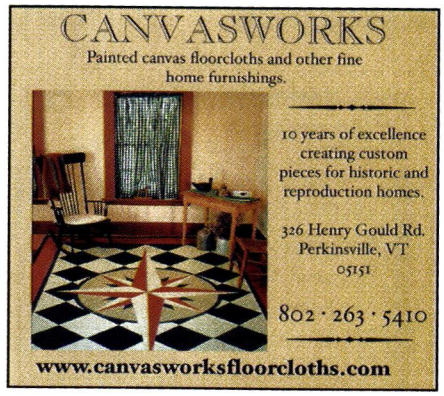
BRIAN GREER'S tin ceilings, walls & unique metal work.
Phone (519) 743-9710
Fax (519) 570-1447
Website: WWW.TINCEILING.COM

Building Products



Circle no. 285

Floorcloths



Circle no. 291

Antiques

The Bead & Batten Door

Tired of "the basic door"? Show your sense of style. Our designs fit traditional or contemporary homes, and we make custom sizes. All our products are made from select lumber, new or recycled.

Call or fax (208) 456-2711 or send for our spec sheet at:
1054 Rammell Mt. Rd Tetonia, ID 83452
Alternative Timber Structures www.alternativetimberstructures.com

Circle no. 296

TEWKSBURY WINDSORS
Elegant Windsor Chairs
Traditionally handcrafted
www.windsorchairs.org
1-888-9-WINDSOR

Circle no. 303

Caravati's Inc.

Restoration Materials From Old Buildings
104 East 2nd. Street
Richmond Virginia 23224
Phone (804) 232-1175 www.RecentRuins.com Fax (804) 233-7109

Circle no. 472

American Windsor Co.

Handcrafted, Highest Quality
- Fan-back $195
- Bow-back $225
- Sack-back $365
- Comb-back $365
- Rockers $390

Free Shipping to Chicago, IL & Milwaukee, WI Areas
Free Brochure
262-767-1163
Burlington, WI
www.AmericanWindsorCompany.ypgs.net

Circle no. 96

"The Betsy Ross Flag"
Tea Dyed=Antique Styling
Made in the USA
3'x5' 100% cotton, quality all sewn construction, canvas header with two brass grommets.
Satisfaction Guaranteed
www.usflagshop.com
610-983-0774 $49.95ppd. Visa, Mc, AmEx, check
F.C.T.C. • Box 822-H • Kimberton, PA 19442

Circle no. 470

BEAUTIFUL ELI TERRY
Pillar and Scroll Clock reproductions by living relative.
Patrick Terry
2669 N. Lakeview Drive
Warsaw, IN 46582
574-858-2404
www.alcasoft.com/terry_clocks

Circle no. 479

Handmade Windsor Chairs
Kurt Lewin

Timeless furniture crafted with hand tools in the true 18th Century tradition

24296 Seaside Road
Seaview, Virginia 23429
757-331-4848
or 757-331-4801

Circle no. 198

Handcrafted Reproductions
FINE AMERICAN FURNITURE BY D.R. DIMES
Catalog $5 refundable
Nationwide Delivery
FOX FIRE FINE FURNITURE
143 McClelland Road
Canonsburg, PA 15317
1-877-477-2722 (toll free)
www.foxfirefurn.com

Bearly Country
Your place for *Early American Home Furnishings and Accessories*
- Olde World Pewter
- Redware
- Pottery
- Baskets
- Candles
- Lighting
- Period Furniture

26 S. Market St., Selinsgrove, PA 17870
570-374-3855 www.Bearly-Country.com

Circle no. 294

SOUTHAMPTON ANTIQUES
(413) 527-1022
Authentic Antique American Victorian Furniture:
Over 400 items shown online!
www.southamptonantiques.com

Circle no. 213

Gifts

New spin doctor. Play with toys.
Wooden folk toys.
Email name and address for free catalog.
Into the Woods
intothewoods@earthlink.net

Circle no. 177

Decorative Glass Art

Newel Post Balls
Classic elegance for your staircase!

Unique hand blown "Glass over Brass" balls are about 3.5 across with easy to install solid brass mountings. Match your décor with cobalt, ruby, emerald, clear or custom colors.
www.glassartne.com
978-448-6063

Circle no. 443

Custom Hardware

www.customforgedhardware.com

Kayne and Son Custom Hardware, Inc.
Dept OHJ
100 Daniel Ridge Road
Candler, N.C. 28715
(828) 667-8868 or 665-1988
Fax: (828) 665-8303

- Reproductions & Restorations
- Builders/Architectural Hardware
- Custom Forging
- Cast Brass & Bronze
- Custom Hinges & Thumblatches
- Fireplace Tools & Accessories

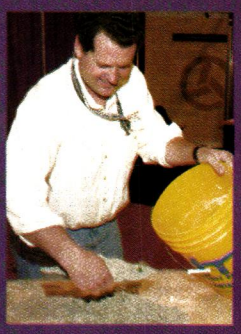
Catalogs $5.00

OLD-HOUSE JOURNAL'S HISTORIC PROPERTIES
presents old & interesting properties throughout the country in Swaps & Sales
To list your property, call
Munira Marlowe
National Real Estate Sales Manager
(800) 471-0361 Access code 57
email: Mmarlowe@restoremedia.com

THE TRADE SHOW







That Never Closes

Missed the Restoration and Renovation Trade Show? Now see it 12 months a year.

In an industry as diverse as historic restoration and renovation, a trade show is even more important. Now, as of April 15, 2003, a new website called "www.restorationexchange.com" will make it possible to drill into the center of the industry, 365 days a year.

The main focus of Restore Media, LLC's new website www.restorationexchange.com will be the Virtual Trade Show, featuring product photographs and catalogs organized by category. Like the Restoration & Renovation Exhibition and Conference, the industry's leading trade show, www.restorationexchange.com will bring together all elements of the historic restoration and renovation market:

- Great editorial content from, and links to, Old-House Journal, Clem LaBine's Traditional Building, and Clem LaBine's Period-Homes.
- Information from, and links to, trade associations, historic societies, and government agencies.
- A listing of the best industry web sites.
- Up-to-date information on industry shows and events.

People in the industry will find the dialogue, the answers, the products and the contacts they need all in one place—just as they do at the Restoration & Renovation Exhibition and Conference. Thanks to www.restorationexchange. com, all of that help will be available any time, at the touch of a button.



RESTORATION & RENOVATION
Exhibition and Conference

www.restorationexchange.com



In a Landslide

No no, the house was actually in a fire, but what happened to it afterwards drew a staggering number of responses from OHJ readers. The expanded and opened up 1920s Omaha, Nebraska, bungalow was featured in the local newspaper and honored by a committee of local architects for what they called skillful juxtaposition of contrasting materials on the interior. That included exposed ductwork, concrete flooring, and steel stairs and railings. Walls were covered in cement board and subflooring material. Although most readers sent the newspaper clipping with minimal comment, one who sent before-and-after photos observed: "The final slap in the façade was to paint the front porch school-bus yellow, compromising the harmony between the surviving elements of the original house." He quoted poet Johann Wolfgang von Goethe: "'I call architecture frozen music,'" and he added, "If that were literally true, I'd shudder to think what this one would sound like if thawed."

Win $100 If you spot a classic example of remuddling, send us clear color prints. We'll award you $100 if your photos are selected. The message is more dramatic if you send along a picture of a similar unremuddled building. (Original photography only, please; no clippings. Also, we reserve the right to republish the photos online and in other publications we own.) Remuddling Editor, Old-House Journal, 1000 Potomac St., NW, Suite 102, Washington, DC 20007.

Old-House Journal (ISSN 0094-0178) is published bimonthly for $27 per year by Restore Media, LLC, 1000 Potomac St., NW, Suite 102, Washington, DC 20007. Telephone (202) 339-0744. Subscriptions in Canada $35 per year, payable in U.S. funds. Periodicals postage paid at Washington, D.C., and additional entries. Postmaster: Send address changes to Old-House Journal, P.O. Box 420235, Palm Coast, FL 32142-0235.